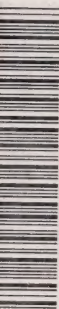


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The

MANUFACTURING INDUSTRIES OF CANADA, 1946



DOMINION BUREAU OF STATISTICS
DEPARTMENT OF TRADE AND COMMERCE, OTTAWA,
CANADA


CANADA
DOMINION BUREAU OF STATISTICS
INDUSTRY AND MERCHANDISING DIVISION
GENERAL MANUFACTURES SECTION

The Manufacturing Industries of Canada, 1946

Published by Authority of the Rt. Hon. C. D. Howe,
Minister of Trade and Commerce

*Reprinted from the
Canada Year Book,
with Added Supple-
mentary Tables.*

Price 50 cents



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TABLE OF CONTENTS

	PAGE
Part I.—General Analysis of Manufacturing in the Dominion	7
Section 1. Growth of Manufacturing in Canada.....	7
1. Historical Summary of Statistics of Manufactures for the Dominion, 1917-46.....	7
2. Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-46.....	8
3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-46...	10
4. Summary of Statistics of Manufactures, Significant Years, 1917-46.....	13
5. Consumption of Manufactured Products, 1928-46.....	14
Section 2. Value and Volume of Manufactured Products.....	14
6. Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-46.....	16
7. Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-46.....	17
Section 3. Production by Industrial Groups and Individual Industries.....	17
Subsection 1. Manufactures Grouped by Chief Component Materials.....	17
8. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups Compared for Significant Years, 1929-44.....	18
9. Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, 1946 Compared with 1944 and 1945.....	19
10. Statistics of the Numbers, Employees, Salaries and Wages, Power, Fuel, Materials, and Values of Products of Canadian Manufacturing Industries, 1946.....	20
Subsection 2. Manufactures Classified on the Standard Classification Basis.....	26
11. Principal Statistics of the Manufacturing Industries, 1945 and 1946, Classified on the Standard Classification Basis.....	26
Subsection 3. Manufactures Classified by the Purpose of the Products.....	31
12. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-46 and in Detail for 1946.....	31
13. Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946.....	34
Subsection 4. Manufactures Classified by Origin of the Materials.....	36
14. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Materials Used, by Main Groups, Significant Years, 1924-46.....	37
Subsection 5. Manufactures Classified by Type of Organization.....	40
15. Percentage Distribution of the Number of Establishments in the Manufacturing Industries, by Type of Organization, 1946.....	41
16. Percentage Distribution of Employment in the Manufacturing Industries, by Type of Organization, 1946.....	41
17. Percentage Distribution of Employment in the Forty Leading Industries, by Type of Organization, 1946.....	42
18. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization, 1946.....	42
19. Principal Statistics of the Manufacturing Industries of Canada and Industrial Groups, Classified by Type of Organization, 1946.....	44
Subsection 6. Leading Manufacturing Industries.....	45
20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1945.....	45
21. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to the Gross Value of the Products, 1946.....	47
Section 4. Principal Factors in Manufacturing Production.....	48
Subsection 1. Capital Employed.....	48
22. Percentage Distribution of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, Significant Years, 1917-43.....	48
23. Forms of Capital Employed in the Manufacturing Industries of Canada, by Provinces and Industrial Groups, 1943, with Totals for Significant Years, 1924-42.....	49
Subsection 2. Employment in Manufactures.....	49
24. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-46.....	50
25. Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Group, Significant Years, 1939-46.....	51
26. Wage-Earners in Manufacturing Working Specified Numbers of Hours per Week in the Month of Highest Employment, 1938-45.....	58
27. Wage-earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946.....	59

TABLE OF CONTENTS—concluded

PAGE

Part I.—General Analysis of Manufacturing in the Dominion—concluded

Subsection 3. Salaries and Wages in Manufacturing Industries.....	59
28. Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years 1917-45.....	60
29. Salaries and Wages in the Forty Leading Industries, 1946, with Comparative Figures of Average Salaries and Wages Paid in 1945.....	61
30. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners Employed in the Manufacturing Industries of Canada, 1934-46.....	63
31. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46.....	64
32. Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46.....	66
33. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46.....	67
34. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46.....	69
35. Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-46.....	70
36. Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-46.....	71
Subsection 4. Size of Manufacturing Establishments.....	72
37. Manufacturing Establishments Grouped According to Gross Values of Products, with Total and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1946.....	72
38. Manufacturing Establishments Classified by Number of Employees, by Provinces, 1946.....	73
39. Establishments and Employees in Canadian Manufactures, Grouped According to the Number of Employees per Establishment, 1929, 1939, 1944 and 1946.....	74
40. Percentage Importance of Establishments, Each Employing 200 or more Persons, in the Twenty-five Leading Industries, 1946.....	74
41. Principal Statistics of the Twenty-Five Leading Industries, Grouped According to Number of Employees per Establishment, 1946.....	75
Subsection 5. Power and Fuel.....	79
42. Power Equipment Installed in the Manufacturing Industries of Canada, 1931-45, with Details by Provinces and Industrial Groups, 1946.....	80
43. Fuel and Electricity Used in the Manufacturing Industries of Canada, 1932-45, with Details by Provinces and Industrial Groups, 1946.....	82

Part II.—Provincial and Local Distribution of Manufacturing Production.....

1. Summary Statistics of Manufactures in Each Province, Classified by Industrial Groups, 1946.....	84
2. Concentration of Manufacturing Production in Each Province, 1946.....	87
3. Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946.....	87
Section 1. The Manufactures of the Maritime Provinces, 1946.....	89
4. Statistics of the Leading Industries of the Maritime Provinces, 1946.....	89
Section 2. The Manufactures of Quebec, 1946.....	90
5. Statistics of the Leading Industries of the Province of Quebec, 1946.....	91
Section 3. The Manufactures of Ontario, 1946.....	92
6. Statistics of the Leading Industries of the Province of Ontario, 1946.....	93
Section 4. The Manufactures of the Prairie Provinces, 1946.....	93
7. Statistics of the Leading Industries of the Prairie Provinces, 1946.....	94
Section 5. The Manufactures of British Columbia, 1946.....	95
8. Statistics of the Leading Industries of British Columbia, 1946.....	96
Section 6. Manufacturing Industries in Cities and Towns.....	96
9. Cities and Towns with a Gross Manufacturing Production of over \$1,000,000 each, Number of Establishments and Total Gross Production in such Cities and Towns as a Percentage of the Grand Total, by Provinces, 1946.....	97
10. Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-46.....	97
11. Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped according to the number of Employees per Establishment, 1946.....	98
12. Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946.....	100
13. Principal Statistics by Counties and Census Divisions, 1946.....	104

Appendix I—

Principal Statistics of the Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946.....	108
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Appendix II—

Alphabetical List of Products Manufactured in Canada, 1946.....	121
List of Publications on the Census of Manufactures.....	162

THE MANUFACTURING INDUSTRIES OF CANADA

1946

Introduction

This report deals with manufacturing industries in Canada in two main Parts. Part I gives general analyses of manufactures in the Dominion including: the historical development of manufacturing in Canada in so far as statistical data are available; production by industrial groups and individual industries, i.e., a detailed treatment of current production under various groupings and individual industries; general analyses of the principal factors in manufacturing production under such sub-headings as capital, employment, salaries and wages, size of establishment, power and fuel. Part II deals with the provincial and local distribution of manufacturing production.

With regard to the first section of Part I, dealing with historical development, it is impossible to give absolutely comparable statistics over a long period of years. From 1870 to 1915 statistics were collected only in connection with decennial or quinquennial censuses, and there was inevitably some variation in the information collected. The annual Census of Manufactures was instituted in 1917 and, while numerous changes have been made since then in the information collected and the treatment of the data, an effort has been made to carry all major revisions, in so far as possible, back to 1917, so that the figures for the period since then are on a reasonably comparable basis.

The far-reaching influence of the War of 1914-18 was, of course, the outstanding factor in the growth recorded prior to the war now concluded. It was during these years that Canadian manufactures began to develop on a really large scale. Munitions contracts placed by the Imperial Munitions Board of Canada in those years totalled well over \$1,000,000,000 and these did not include such fields of production as shipbuilding and aviation. Shipbuilding construction alone during the War of 1914-18 amounted to \$35,000,000 in 1917, \$75,000,000, in 1918 and \$86,000,000 in 1919. In the same three years, employees in the shipbuilding industry numbered 12,000, 22,000 and 25,000, respectively.

Canada's effort in the Second World War brought manufacturing production to a much higher level than ever before. The tremendous increase in production during the war years is indicated by the increases in some of the main factors of production between 1939 and the highest point attained during the war. For manufacturing as a whole there was an increase of 161 p.c. in the gross value of production, 162 p.c. in the value added by manufacture, 89 p.c. in the number of persons employed, and 175 p.c. in the salaries and wages paid.

As was to be expected, the industries producing the munitions and equipment needed by the armed forces during the war would be the first to feel the effects of the cessation of hostilities. Consequently, the chemicals and allied products group suffered the greatest decline in production as measured by employment, with a drop of 54.4 per cent in the number of persons employed since 1944, the last full year of war production. This was followed by the iron and its products group with

a drop of 39.5 per cent; non-ferrous metal products 18.7 per cent; and miscellaneous industries 16.3 per cent. On the other hand, industries producing food, clothing and other consumer goods reported increases in production. Employment in the wood and paper products group was 18.2 per cent higher, followed by an increase of 15.5 per cent for non-metallic mineral products, 9.1 per cent for animal products, 7.6 per cent for textiles and 5.0 per cent for vegetable products. All told there was a drop of 13.5 per cent in the number of employees.

Of the forty leading industries in 1946, the following reported substantial declines in the volume of production as measured by the number of persons employed. Employment in aircraft industry declined by 68,167 between 1944 and 1946, followed by shipbuilding with a drop of 46,830, miscellaneous chemical products 46,108, miscellaneous iron and steel products 30,862, non-ferrous metal smelting and refining 9,381, scientific and professional equipment 7,618, brass and copper products 7,381, primary iron steel 6,567, automobile supplies 5,018, electrical apparatus and supplies 4,836, etc.

The following industries reported expanded operations. Employment in the pulp and paper industry increased by 7,071, sawmills 5,836, women's factory clothing 4,153, leather boots and shoes 3,696, printing and publishing 3,134, bread and other bakery products 2,923, hosiery and knitted goods 2,002, fish curing and packing 1,663, breweries 1,519, etc.

Manufacturing establishments in 1946 numbered 31,249. They furnished employment to 1,058,156 persons who received \$1,740,687,254 in salaries and wages. They also produced goods that had a selling value at the factory of \$8,035,692,471 from materials costing \$4,358,234,766. The value added by manufacture totalled \$3,467,004,980.

Geographically the changes in manufacturing production between 1944 and 1946 were as follows:

Variation in Employment, Salaries and Wages, and Gross Value of Products in Each Province, 1946 Compared With 1944 and 1945.

Province	1946 Compared with 1944			1946 Compared with 1945		
	Number of Employees	Salaries and Wages	Gross Value of Products	Number of Employees	Salaries and Wages	Gross Value of Products
Canada	-13.5	-14.2	-11.4	- 5.5	- 5.7	- 2.6
Prince Edward Island..	-18.0	- 2.6	+ 4.5	- 5.2	- 1.7	- 3.3
Nova Scotia.....	-21.4	-28.2	-12.5	-11.1	-16.7	-10.5
New Brunswick.....	- 1.9	+ 2.5	+12.3	+ 1.0	+ 2.3	+ 9.0
Quebec.....	-15.8	-15.3	-14.7	- 7.0	- 6.8	- 1.3
Ontario.....	-11.7	-13.3	-13.5	- 3.8	- 4.2	- 5.3
Manitoba.....	- 6.3	- 2.8	- 0.1	—	+ 2.0	+ 3.6
Saskatchewan.....	- 3.3	+ 1.4	- 4.0	+ 2.9	+ 6.2	+ 0.4
Alberta.....	+ 2.1	+ 5.1	+ 1.6	+ 5.4	+ 6.7	+ 3.5
British Columbia.....	-21.4	-23.0	- 1.7	-14.2	-14.3	+ 2.5

PART I.—GENERAL ANALYSES OF MANUFACTURING IN THE DOMINION

Section 1.—Growth of Manufacturing in Canada

Subsection 1.—Production of Manufactured Products

This section gives a picture of the growth of manufacturing, in general, as shown by comparable principal statistics, i.e., establishments, capital, employees, salaries and wages paid, cost of materials, and values of products. Other useful comparisons are made in Table 4 and figures of consumption are given in Table 5. Tables 6 and 7 show volume comparisons.

1.—Historical Summary of Statistics of Manufactures for the Dominion, 1917-1946

NOTE.—Statistics of manufacturing from 1870 have been published, but between that year and 1917 they are not on a comparable basis to the series given below. They will be found in Table 1 in former editions of this report. Statistics of the non-ferrous metal smelting industries were included in manufactures for the first time in 1925.

Year	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
1917	21,845	2,333,991,229	606,523	497,801,844	1,539,678,811	1,281,131,980	2,820,810,791
1918	21,777	2,518,197,329	602,179	567,991,171	1,827,631,548	1,399,794,849	3,227,426,397
1919	22,083	2,670,559,435	594,066	601,715,668	1,779,056,765	1,442,400,638	3,221,457,403
1920	22,532	2,923,667,011	598,893	717,493,876	2,085,271,649	1,621,273,348	3,706,544,997
1921	20,848	2,697,858,073	438,555	497,399,761	1,365,292,885	1,123,694,263	2,488,987,148
1922	21,016	2,667,493,290	456,256	489,397,230	1,272,651,585	1,103,266,106	2,375,917,691
1923	21,080	2,788,051,630	506,203	549,529,631	1,456,595,367	1,206,332,107	2,662,927,474
1924	20,709	2,895,317,508	487,610	534,467,675	1,422,573,946	1,075,458,459	2,570,561,931
1925 ²	20,981	3,065,730,916	522,924	569,944,442	1,571,788,252	1,167,936,726	2,816,864,958
1926 ²	21,301	3,208,071,197	559,161	625,682,242	1,712,519,991	1,305,168,549	3,100,604,637
1927 ²	21,501	3,454,825,529	595,052	662,705,332	1,741,128,711	1,427,649,292	3,257,214,876
1928 ²	21,973	3,804,062,566	631,429	721,471,634	1,894,027,188	1,597,887,676	3,582,345,302
1929 ²	22,216	4,004,892,009	666,531	777,291,217	2,029,670,813	1,755,386,937	3,883,446,116
1930 ²	22,618	4,041,030,475	614,696	697,555,378	1,664,787,763	1,522,737,125	3,280,236,603
1931	23,083	3,705,701,893	528,640	587,566,990	1,221,911,982	1,252,017,248	2,555,126,448
1932	23,102	3,380,475,509	468,833	473,601,716	954,381,097	955,960,724	1,980,471,543
1933	23,780	3,279,259,838	468,658	436,247,824	967,788,928	919,671,181	1,954,075,785
1934	24,209	3,249,348,864	519,812	503,851,055	1,229,513,621	1,087,301,742	2,393,692,729
1935	24,034	3,216,403,127	556,664	559,467,777	1,419,146,217	1,153,485,104	2,653,911,209
1936	24,202	3,271,263,531	594,359	612,071,434	1,624,213,996	1,289,592,672	3,002,403,814
1937	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	1,508,924,867	3,625,459,500
1938	25,200	3,485,683,018	642,016	705,668,589	1,807,478,028	1,428,286,778	3,337,681,366
1939	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	1,531,051,901	3,474,783,528
1940	25,513	4,095,716,836	762,244	920,872,865	2,449,721,903	1,942,471,238	4,529,173,316
1941	26,293	4,905,503,966	961,178	1,264,862,643	3,296,547,019	2,605,119,788	6,076,308,124
1942	27,862	5,488,785,545	1,152,091	1,682,804,842	4,037,102,725	3,309,973,758	7,553,794,972
1943	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	3,816,413,541	8,732,860,999
1944	28,483	s	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945	29,050	s	1,119,372	1,845,773,449	4,373,668,847	3,564,315,899	8,250,368,866
1946	31,249	s	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471

¹In accordance with a resolution passed by the Conference of British Commonwealth Statisticians, 1935, the net value of production is now computed by subtracting the cost of fuel and electricity as well, as the cost of materials from the gross value of the products. The figures for 1924 and later years have, therefore, been revised in accordance with this resolution. The revision could not be carried farther back as statistics for cost of electricity are not available for years prior to 1924.

²A change in the method of computing the number of wage-earners in the years 1925 to 1930, inclusive, increased the number somewhat over that which the method otherwise used would have given. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

³Not collected

2.—Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-1946

Province and Year	Estab-lish-ments	Capital	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Prince Edward Island—							
1917.....	411	2,008,082	1,556	663,251	3,087,621	1,750,135	4,837,756
1920.....	370	2,328,686	1,287	855,210	4,164,223	2,135,857	6,300,080
1922.....	340	2,446,574	1,086	593,600	2,620,235	1,660,282	4,280,517
1929 ²	263	2,646,354	2,074	727,286	2,862,725	1,466,446	4,408,608
1933.....	249	2,256,307	991	529,684	1,590,834	1,126,826	2,775,787
1937.....	240	2,637,472	1,062	607,547	2,386,091	1,117,298	3,566,991
1939.....	222	2,682,900	1,088	617,945	2,239,117	1,243,979	3,543,681
1941.....	213	3,106,369	1,105	680,883	3,229,433	1,347,990	4,649,476
1942.....	243	3,367,368	1,261	842,061	4,789,315	1,973,540	6,855,344
1943.....	230	3,881,832	1,552	1,298,112	6,432,079	3,021,848	9,577,446
1944.....	241	"	1,786	1,694,763	6,993,510	3,570,835	10,713,644
1945.....	234	"	1,851	1,679,212	8,242,949	3,178,434	11,592,753
1946.....	246	"	1,755	1,651,469	7,582,046	3,469,435	11,200,310
Nova Scotia—							
1917.....	1,337	124,357,851	25,252	18,898,051	102,415,215	57,565,703	159,980,918
1920.....	1,345	135,679,188	23,425	25,625,089	85,724,785	61,371,243	147,096,028
1922.....	1,09 ²	98,117,897	13,678	11,586,235	37,980,329	27,516,271	65,496,600
1929 ²	1,09 ²	118,951,398	19,986	16,905,885	50,725,562	35,676,421	89,787,548
1933.....	1,277	92,004,624	12,211	9,604,680	25,354,319	19,988,257	47,912,432
1937.....	1,135	94,756,601	18,088	16,727,338	46,964,053	33,146,796	84,393,656
1939.....	1,083	101,954,082	17,627	16,651,685	43,332,195	35,855,563	93,139,572
1941.....	1,177	124,409,791	24,577	27,527,339	76,779,821	51,318,369	133,873,428
1942.....	1,332	152,668,789	31,318	41,273,942	85,193,680	63,615,900	155,931,264
1943.....	1,278	179,363,703	37,445	55,205,712	96,551,817	84,909,686	188,463,088
1944.....	1,281	"	37,812	59,940,411	103,463,123	97,376,638	204,421,664
1945.....	1,297	"	33,423	51,703,245	107,860,529	84,358,189	199,775,177
1946.....	1,397	"	29,724	43,060,259	100,354,480	71,738,873	178,793,420
New Brun- swick—							
1917.....	943	60,300,907	19,710	12,893,014	32,380,621	27,027,725	59,408,346
1920.....	901	101,216,395	19,007	19,266,821	60,812,641	45,803,164	106,615,805
1922.....	846	77,036,627	13,934	11,801,670	38,032,967	25,163,444	63,196,411
1929 ²	803	91,376,948	17,952	15,127,716	39,800,366	26,640,736	68,145,012
1933.....	747	90,148,317	11,336	9,308,100	20,442,421	18,166,718	41,345,622
1937.....	805	89,797,597	15,612	14,563,310	36,983,284	28,770,727	69,479,207
1939.....	803	91,171,323	14,501	13,659,162	35,617,614	27,041,195	66,058,151
1941.....	791	87,952,799	19,600	21,718,407	59,234,107	47,296,960	111,433,726
1942.....	867	105,056,835	22,182	26,546,806	64,891,227	53,920,484	123,839,475
1943.....	862	111,287,910	23,225	30,451,181	76,711,513	58,956,676	140,934,879
1944.....	937	"	23,164	32,345,080	83,993,599	62,258,478	152,106,577
1945.....	889	"	22,503	32,408,048	87,253,347	63,880,075	156,623,378
1946.....	993	"	22,732	33,151,919	96,389,299	67,783,377	170,753,741
Quebec—							
1917.....	7,032	662,012,975	188,043	141,008,616	385,212,984	380,882,409	766,095,393
1920.....	7,530	878,859,638	183,748	202,516,550	553,558,520	499,643,217	1,053,201,737
1922.....	7,190	800,859,568	143,584	139,876,821	333,298,544	346,020,126	679,318,670
1929 ²	6,948	1,246,208,650	206,580	225,226,808	537,270,055	537,796,395	1,108,592,775
1933.....	7,856	1,035,339,591	157,481	134,696,386	292,560,568	288,504,782	604,496,078
1937.....	8,518	1,117,772,721	219,033	216,971,207	562,889,160	445,885,666	1,046,470,796
1939.....	8,373	1,182,538,441	220,321	223,757,767	536,823,039	470,385,279	1,045,757,585
1941.....	8,711	1,700,527,405	327,591	393,819,671	961,162,209	815,086,832	1,841,088,523
1942.....	9,342	1,833,353,668	399,017	536,329,170	1,193,445,432	1,059,873,943	2,333,303,012
1943.....	9,372	2,230,620,386	437,247	658,323,620	1,433,627,797	1,280,097,615	2,852,191,853
1944.....	9,656	"	424,115	668,156,053	1,494,253,053	1,350,519,134	2,929,685,183
1945.....	10,038	"	384,031	607,473,443	1,307,534,193	1,149,390,919	2,531,903,830
1946.....	10,818	"	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
Ontario—							
1917.....	9,061	1,157,850,643	299,389	258,393,065	794,556,502	662,174,261	1,456,730,763
1920.....	9,113	1,464,097,346	295,674	362,941,317	1,071,843,374	792,267,562	1,864,110,936
1922.....	8,703	1,400,041,955	235,070	265,818,003	674,025,732	572,098,704	1,246,124,436
1929 ²	9,348	1,956,736,556	328,533	406,622,627	1,056,530,202	916,971,816	2,020,492,433
1933.....	9,542	1,587,947,947	224,816	220,530,088	464,544,563	465,103,842	958,776,858
1937.....	9,796	1,674,806,201	321,743	373,018,048	1,025,871,741	804,703,114	1,880,388,188
1939.....	9,824	1,762,571,659	318,871	378,376,209	907,011,461	791,428,569	1,745,674,707
1941.....	10,250	2,336,788,884	468,230	660,722,278	1,683,912,216	1,360,055,756	3,121,756,568
1942.....	10,711	2,632,519,471	542,958	840,783,705	2,056,746,983	1,671,130,314	3,817,396,404
1943.....	10,587	2,994,953,988	570,017	956,399,212	2,278,871,511	1,844,651,587	4,221,101,063
1944.....	10,731	"	564,392	975,038,060	2,310,347,858	1,930,043,913	4,339,797,784
1945.....	10,869	"	518,056	882,483,387	2,148,290,602	1,720,938,199	3,965,069,021
1946.....	11,424	"	498,120	845,216,547	2,001,900,592	1,659,284,622	3,754,523,701

¹See footnote 1, Table 1.²See footnote 2, Table 1.³Information not collected.

Summary Statistics of Manufactures, by Provinces, Significant Years, 1917-1946

—concluded—

Province and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Manitoba --							
1917	732	82,566,858	18,939	16,513,423	69,715,149	42,280,801	111,995,950
1918	747	94,424,145	23,728	32,372,081	92,729,271	62,776,912	155,506,183
1919	697	65,172,676	13,076	16,853,345	54,373,811	36,842,899	91,216,710
1920	861	121,363,898	24,012	31,224,596	87,832,324	63,925,015	155,266,294
1921	1,010	109,074,404	18,871	18,687,430	44,579,998	37,390,275	83,934,777
1922	1,043	119,363,026	23,706	27,198,978	87,684,514	49,950,465	140,805,451
1923	1,087	119,659,365	23,910	28,444,798	82,408,293	48,810,544	134,293,595
1924	1,184	163,489,471	32,262	40,894,267	132,330,823	74,450,721	211,534,751
1925	1,287	175,902,477	37,519	51,605,139	159,248,309	94,856,679	259,554,350
1926	1,245	173,752,507	37,033	53,841,825	203,464,756	99,146,670	304,867,912
1927	1,245	4	40,937	62,758,081	226,234,925	120,339,926	352,334,594
1928	1,302	4	38,367	59,814,109	216,114,576	117,775,126	339,821,283
1929	1,357	4	38,367	61,018,345	223,096,935	122,780,805	351,887,009
1930	560	24,372,585	6,230	5,403,332	22,040,674	13,894,179	35,934,853
1931	554	24,640,520	6,709	9,571,175	34,894,105	22,610,861	57,504,986
1932	490	22,734,459	3,494	4,734,885	22,366,129	13,186,266	35,552,395
1933	594	43,025,797	7,025	9,105,597	51,003,566	23,002,952	75,398,005
1934	673	38,688,433	4,782	4,848,763	19,124,030	11,478,634	31,559,387
1935	689	39,279,050	6,107	6,758,154	43,782,999	17,668,655	62,205,884
1936	737	37,654,095	6,475	7,346,127	38,782,135	20,283,273	60,650,589
1937	945	42,158,738	8,546	9,979,974	65,836,308	28,172,441	96,020,975
1938	966	45,013,677	9,801	12,543,065	84,208,201	33,933,836	120,256,733
1939	976	60,674,093	11,683	16,445,866	111,193,185	37,895,459	152,123,360
1940	1,054	4	12,361	17,703,103	131,215,017	40,833,333	175,349,234
1941	925	4	11,617	16,905,606	126,279,202	38,275,127	167,688,133
1942	955	4	11,957	17,956,317	126,505,761	38,459,630	168,356,619
Alberta -							
1917	636	49,146,241	9,461	8,662,417	42,632,212	23,883,673	66,515,885
1918	666	48,310,655	10,955	15,210,628	56,139,646	20,812,891	85,952,537
1919	550	41,154,178	6,516	8,293,572	30,189,648	18,939,659	49,129,307
1920	736	81,875,952	12,216	14,585,734	62,500,175	36,824,969	100,965,196
1921	874	69,604,593	9,753	9,573,468	29,425,975	18,876,929	49,395,514
1922	895	70,804,070	12,524	13,903,062	55,898,599	28,923,095	86,225,099
1923	961	73,284,225	12,712	14,977,700	53,151,149	32,618,153	87,474,080
1924	1,108	95,676,318	16,761	20,151,705	94,176,887	45,958,219	142,651,493
1925	1,115	101,401,133	18,397	23,092,613	117,617,500	57,479,636	178,103,611
1926	1,133	111,682,419	20,613	29,494,369	142,057,051	65,796,813	211,159,142
1927	1,165	4	22,186	33,227,729	172,082,537	77,415,753	252,949,894
1928	1,157	4	21,486	32,760,326	166,198,136	78,547,626	248,287,504
1929	1,315	4	22,649	34,939,088	169,425,176	83,735,011	257,031,867
British Columbia and Yukon -							
1917	1,133	171,375,087	37,943	35,426,675	87,637,833	71,673,094	159,310,917
1918	1,309	174,110,438	34,360	49,135,005	125,405,084	104,851,641	230,256,725
1919	1,102	159,929,346	25,818	29,839,030	79,764,190	61,838,455	141,602,645
1920	1,569	311,806,456	48,153	57,764,908	141,145,823	113,082,137	260,418,645
1921	1,552	263,195,652	28,417	28,460,225	70,166,220	59,034,923	133,879,330
1922	1,713	256,011,093	42,576	51,979,393	144,466,346	99,350,051	251,024,258
1923	1,710	274,969,502	42,554	53,881,994	136,655,872	103,203,202	247,948,600
1924	1,905	340,609,179	62,447	89,256,478	199,765,738	181,232,637	412,967,807
1925	1,900	388,649,300	89,570	148,782,063	270,823,072	272,925,065	558,137,606
1926	1,961	450,360,048	102,221	185,711,773	294,445,016	341,699,478	652,046,313
1927	2,116	4	96,062	178,639,118	303,560,016	337,137,197	655,844,689
1928	2,326	4	87,974	160,419,133	305,759,836	307,954,519	628,903,124
1929	2,731	4	75,484	137,505,645	335,708,533	293,352,652	644,527,898
Yukon and N.W.T. -							
1939	5	538,847	55	97,760	138,590	92,054	242,968
1941	9	785,012	59	111,641	129,477	199,863	341,377
1942	9	852,827	68	106,278	139,006	263,471	417,773
1943	8	589,841	62	120,714	138,369	237,709	395,943
1944	12	4	67	118,972	189,718	280,803	480,266
1945	12	4	64	126,940	153,466	517,685	704,663
1946	13	4	92	200,560	172,845	408,727	646,295

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ British Columbia only.⁴ Information not collected.

3.—Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-1946

Industrial Group and Year	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Vegetable Products—							
1917	4,151	279,627,827	62,777	45,915,557	367,214,061	183,782,501	550,996,562
1920	4,549	402,383,047	74,241	77,750,189	536,828,044	239,328,371	776,156,415
1922	4,638	379,567,139	64,753	66,228,286	333,295,009	210,835,301	544,130,310
1929	5,350	581,820,861	91,032	95,853,121	431,595,751	341,688,938	783,706,883
1933	5,916	522,389,736	75,416	68,535,349	226,879,373	196,820,952	432,315,617
1937	5,968	539,531,357	94,258	94,632,901	395,491,147	266,869,693	672,540,163
1939	5,872	539,446,225	99,447	104,248,785	356,726,153	292,129,840	659,624,014
1941	5,948	634,728,760	113,753	131,066,093	532,876,217	349,912,287	897,978,448
1942	5,955	656,756,413	115,476	145,000,211	552,791,525	396,956,313	965,896,035
1943	5,913	684,292,303	117,243	157,733,379	635,042,582	410,340,183	1,062,561,932
1944	5,941	"	130,679	183,943,948	552,777,777	485,551,491	1,270,518,297
1945	5,862	"	135,311	196,010,688	802,367,469	529,112,219	1,352,986,147
1946	5,916	"	137,170	206,893,681	871,436,061	575,963,454	1,649,014,130
Animal Products							
1917	5,456	207,165,245	46,994	35,753,133	320,302,039	124,103,990	444,406,029
1920	4,823	221,792,457	48,687	54,291,606	400,496,354	152,995,130	553,491,484
1922	5,118	201,829,414	49,595	49,933,679	264,078,631	107,473,382	371,552,013
1929	4,490	243,825,065	67,670	62,081,423	345,551,882	127,929,857	477,761,855
1933	4,496	201,993,642	53,111	46,453,188	179,429,948	87,629,444	271,068,210
1937	4,435	230,312,163	67,996	64,816,361	326,537,087	118,117,971	449,783,908
1939	4,362	250,335,831	69,358	68,231,871	333,647,306	122,821,410	461,983,262
1941	4,240	303,657,373	82,131	90,185,037	534,909,242	165,416,939	708,220,447
1942	4,362	322,045,016	87,038	103,620,997	649,160,318	203,152,956	861,190,126
1943	4,380	324,811,863	88,037	114,467,581	750,435,541	211,149,715	971,190,128
1944	4,388	"	94,195	129,215,389	835,586,247	246,064,722	1,092,015,647
1945	4,470	"	98,267	138,405,263	839,885,434	261,069,677	1,111,929,735
1946	4,528	"	102,844	151,517,837	849,242,804	271,279,430	1,132,233,759
Textiles and Textile Products—							
1917	1,097	191,338,745	76,978	47,764,436	131,225,032	109,904,530	241,129,562
1920	1,304	302,758,185	87,730	84,433,609	256,233,300	173,741,035	429,974,335
1922	1,089	259,324,870	80,558	69,685,529	151,333,320	142,577,057	293,910,377
1929	1,534	360,762,584	103,881	94,969,433	217,954,088	180,469,064	403,205,509
1933	1,740	298,730,436	95,707	72,813,424	143,184,861	131,065,992	279,475,267
1937	1,941	322,204,180	121,677	105,056,051	219,813,775	174,076,945	400,383,726
1939	1,930	347,248,927	121,022	107,117,035	203,618,197	181,927,989	392,657,759
1941	2,104	439,078,775	156,892	159,339,023	367,149,392	290,105,448	666,438,539
1942	2,369	464,161,673	165,478	185,731,313	441,718,052	341,475,081	793,304,750
1943	2,341	455,056,029	157,987	191,305,623	446,136,675	334,242,717	790,659,927
1944	2,481	"	153,122	195,805,681	419,988,642	351,186,488	781,771,688
1945	2,740	"	158,148	207,629,471	429,208,436	367,980,705	807,722,241
1946	3,082	"	164,737	228,018,323	459,664,221	418,263,665	888,658,943
Wood and Paper Products—							
1917	7,263	536,320,247	152,277	113,359,997	148,277,935	245,372,487	393,650,422
1920	7,881	774,937,232	144,391	172,368,578	309,813,724	417,256,115	727,069,839
1922	6,966	761,020,831	118,364	132,092,249	206,860,089	283,006,200	489,866,289
1929	7,392	1,151,463,962	164,572	192,088,948	313,797,201	381,485,477	724,972,308
1933	7,891	892,652,622	105,080	102,218,652	134,663,641	184,233,540	341,336,701
1937	8,487	927,070,757	147,254	165,298,485	256,269,941	306,961,553	597,061,878
1939	8,539	960,804,672	144,782	165,287,455	246,292,820	303,662,441	579,892,183
1941	9,420	1,086,022,546	179,967	227,821,739	386,999,813	463,967,334	892,936,114
1942	10,222	1,080,457,129	186,106	252,179,776	428,526,256	488,433,355	961,842,906
1943	9,974	1,103,954,216	183,865	264,844,792	447,399,954	508,835,982	1,001,563,243
1944	10,452	"	189,674	284,436,559	497,656,158	550,826,986	1,093,725,322
1945	10,653	"	199,373	306,179,416	551,143,890	586,057,023	1,184,650,720
1946	11,994	"	224,121	366,049,562	679,343,485	749,055,011	1,484,436,122
Iron and Its Products—							
1917	1,495	695,677,552	161,745	161,875,424	378,193,116	371,792,489	749,985,605
1920	1,789	726,371,335	164,087	231,595,911	377,499,134	411,875,057	789,374,191
1922	1,083	567,011,222	78,565	95,443,053	171,529,909	170,769,391	342,299,300
1929	1,224	826,063,042	142,772	203,740,658	405,818,468	367,465,582	790,726,338
1933	1,334	614,632,403	73,348	72,296,179	98,793,191	109,198,169	2,632,828,992
1937	1,345	651,998,528	127,148	163,261,130	328,091,063	280,165,582	624,819,877
1939	1,394	697,893,720	121,041	158,559,728	262,292,781	275,774,796	553,468,880
1941	1,759	1,138,701,669	253,701	408,064,135	715,595,982	735,511,841	1,483,169,765
1942	1,931	1,446,215,017	360,845	639,330,901	985,960,237	1,084,424,334	2,112,822,737
1943	2,044	1,852,506,052	435,744	833,383,684	1,131,580,008	1,396,768,112	2,575,976,547
1944	2,192	"	411,944	818,452,554	1,104,083,922	1,390,703,087	2,540,992,974
1945	2,188	"	321,719	637,335,990	887,425,621	1,046,097,484	1,975,310,083
1946	2,358	"	249,279	475,812,983	635,344,199	735,459,371	1,405,542,865

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

3. Summary Statistics of Manufactures, by Industrial Groups, Significant Years, 1917-1946—concluded

Industrial Group and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Net Value of Products ¹	Gross Value of Products
	No.	\$	No.	\$	\$	\$	\$
Non-Ferrous Metal Products—							
1917.....	296	69,421,911	18,220	15,898,890	46,445,469	41,039,351	87,484,820
1920.....	324	109,382,033	23,162	27,895,343	48,434,120	52,847,178	101,281,298
1922.....	325	102,208,275	18,222	21,451,629	30,861,895	39,993,798	70,855,693
1929.....	408	298,721,106	39,867	54,501,806	124,900,632	150,415,215	283,545,666
1933.....	478	266,266,443	25,273	28,099,026	71,990,608	88,427,984	164,765,604
1937.....	526	306,522,643	44,614	57,722,728	282,532,128	182,968,223	482,440,562
1939.....	526	346,489,890	44,563	59,684,858	242,063,177	155,808,806	416,060,459
1941.....	579	545,862,427	73,450	108,895,000	406,132,161	288,823,325	726,348,447
1942.....	596	612,513,064	90,937	146,690,366	505,122,844	355,005,408	901,569,437
1943.....	597	674,802,402	109,522	186,874,396	615,283,895	369,005,912	1,034,390,879
1944.....	635	"	104,314	182,909,292	549,317,062	399,498,519	992,345,975
1945.....	683	"	88,350	158,358,737	429,913,071	316,572,975	779,384,900
1946.....	740	"	84,853	150,366,178	413,022,247	278,461,292	719,191,106
Non-Metallic Mineral Products—							
1917.....	1,075	145,423,082	20,795	18,224,724	36,994,392	58,092,306	95,086,788
1920.....	846	215,281,921	25,500	32,351,764	69,856,558	80,205,472	150,062,030
1922.....	812	230,486,004	20,932	25,401,278	60,671,305	74,022,607	134,693,912
1929.....	843	316,062,818	29,257	38,958,390	112,573,103	99,065,847	229,774,300
1933.....	770	295,139,543	16,975	19,282,401	69,077,701	82,817,078	131,325,706
1937.....	823	257,473,542	23,337	30,389,958	115,938,578	77,667,225	208,205,148
1939.....	809	290,865,285	23,026	30,067,934	107,979,292	85,511,631	208,166,781
1941.....	773	325,032,038	28,829	42,376,214	183,140,990	117,425,887	324,289,898
1942.....	782	329,401,312	30,707	48,702,880	191,143,787	141,216,996	358,075,414
1943.....	747	351,164,254	30,994	53,282,340	215,139,225	146,460,170	388,713,942
1944.....	748	"	31,590	56,130,338	234,714,319	152,525,053	416,268,979
1945.....	789	"	32,525	57,193,679	231,341,920	145,197,043	405,736,477
1946.....	910	"	36,493	63,848,640	240,485,869	173,638,196	446,484,682
Chemicals and Allied Products—							
1917.....	539	175,836,690	56,153	51,505,484	99,068,092	131,381,995	230,450,087
1920.....	464	122,123,730	17,653	22,193,421	62,644,608	65,183,212	127,827,820
1922.....	460	118,025,483	14,082	16,770,503	37,650,061	48,981,277	86,631,338
1929.....	554	165,886,912	16,694	22,639,449	55,184,337	78,785,911	138,545,221
1933.....	696	153,900,930	15,397	18,738,629	34,271,854	55,394,284	92,820,761
1937.....	754	161,165,068	21,968	28,612,719	64,460,947	79,290,240	148,973,220
1939.....	808	172,459,365	22,595	31,567,558	65,230,839	89,046,832	159,536,984
1941.....	849	358,429,529	54,014	75,634,741	134,924,947	157,304,350	304,400,569
1942.....	928	471,679,779	93,030	134,345,942	233,386,894	252,390,766	501,656,123
1943.....	945	759,864,951	92,288	146,677,194	368,111,343	379,453,873	765,217,887
1944.....	981	"	81,822	137,422,977	360,412,749	355,260,598	733,569,232
1945.....	973	"	60,723	106,017,985	212,197,636	249,701,603	478,532,689
1946.....	1,017	"	37,278	66,538,532	159,308,356	203,639,442	376,288,264
Misc. Industries—							
1917.....	473	33,179,930	10,584	7,504,199	11,958,675	15,662,241	27,620,916
1920.....	552	48,637,071	13,442	14,613,455	23,465,807	27,841,778	51,307,585
1922.....	516	48,020,052	11,185	12,391,024	16,371,366	25,607,093	41,978,459
1929.....	421	59,654,759	10,786	12,457,989	22,495,351	28,081,046	51,207,736
1933.....	459	33,554,083	8,351	7,810,976	9,497,751	14,083,738	24,138,927
1937.....	545	39,549,593	11,699	11,936,704	17,792,121	22,807,435	41,251,081
1939.....	566	41,480,534	12,280	13,045,929	18,308,810	24,368,247	43,393,206
1941.....	621	73,990,849	18,441	21,480,656	34,818,275	36,651,877	72,525,897
1942.....	657	105,556,242	22,474	27,202,456	49,292,782	46,918,549	97,437,944
1943.....	668	110,684,057	25,388	38,723,390	81,085,860	60,156,877	142,587,014
1944.....	665	"	25,542	41,304,732	66,967,607	84,159,068	152,484,005
1945.....	692	"	24,956	38,642,220	90,185,370	62,527,170	154,115,874
1946.....	704	"	21,381	31,641,518	50,387,530	61,245,149	112,942,600

¹ See footnote 1, Table 1.² See footnote 2, Table 1.³ Information not collected.

The figures in Table 4 trace the tendencies in Canadian manufacturing industries as clearly as possible through the latest period of their development. In analysing statistics of production and materials used, it should be borne in mind that, due to the inflation of values from 1914 through the immediate post-war period and the drop in prices of commodities during the depressions following 1921 and 1930, the figures for these periods are not completely comparable. One very important figure, however, which shows the trend of development clearly, is concerned with the use of power. The total horse-power employed increased from 1,658,475 in 1917 to 6,783,949 in 1946, an increase of about 310 p.c. in 29 years. In the same period, horse-power per wage-earner showed an interrupted trend from 3.06 to 10.82 in 1933 and 9.46 in 1939. With the large increase in the number of wage-earners on war production, and the more efficient utilization of the equipment available, the horse-power per wage-earner dropped to 6.28 in 1944. With the increasing installation of power machinery and the decline in employment after the war, the number of horse power per wage-earner rose to 7.73 in 1946. The significant feature is the increase in both the absolute figure of power employed and the averages per wage-earner during the depression years as compared with 1929, although the large numbers of persons again finding employment since 1933 reduced the averages for the years 1934 to 1937 and again for 1940 to 1945. Other interesting comparisons are the trend of value added by manufacture, per employee, and of average salaries and wages paid since 1929.

Subsection 2.—Consumption of Manufactured Products

One of the beneficial results of adopting the same classification for external trade and for production is exhibited in Table 5, where the value of commodities made available for consumption in Canada is derived from these statistics. For example, the value of all manufactured commodities made available in 1946 was \$7,724,138,545, a figure obtained by adding to the value of manufactured products the value of the imports of manufactured and partly manufactured goods and deducting the value of the exports. In this table more accurate statistics could be presented were it possible to exclude from the gross value of manufactured products the duplications involved when the products of one manufacturing establishment become the material worked upon in another. Iron, vegetable, textile, wood and paper, and animal were, in that order, the leading groups in the value of finished products made available for consumption in 1946. Vegetable, animal, wood and paper, and non-ferrous metal products were manufactured in Canada in greater quantities than required for home consumption, providing export balances in these groups.

On balance, Canada, in the past, imported large quantities of iron and steel, textile and non-metallic mineral products in spite of large home production. The urgent requirements for munitions of war brought about an expansion of the iron and steel, chemical and non-ferrous metals industries that will enable Canada to meet most requirements for home consumption in the future.

1. Summary Statistics of Manufactures, Significant Years, 1917-19

Item	1917	1920	1929 ¹	1933	1939	1944	1945	1946
Establishments.....	No.	22,532	22,216	23,780	3,647,024,440	24,495	22,050	31,249
Capital.....	\$	2,923,667,011	4,004,892,009	3,279,259,838	137,990	147,028	-	-
Averages, per establishment.....		129,756	180,271	137,990	5,542	-	-	-
Averages, per employee.....		3,848	6,009	8,584	6,997	-	-	-
Totals, employees.....	No.	4,309	6,933	8,584	6,933	1,222,882	1,119,372	1,058,156
Averages, per establishment.....		27.8	30.6	19.7	26.5	42.9	38.5	33.9
Totals, salaries and wages.....	\$	437,891,844	777,291,217	436,247,824	37,511,153	2,020,021,370	1,845,772,419	1,740,637,251
Averages, per establishment.....		22,788	34,988	18,345	29,744	71,257	63,538	55,704
Averages, per employee.....		821	1,166	931	1,121	1,660	1,649	1,645
Employees on salaries.....	No.	64,918	88,841	80,636	124,772	192,558	190,707	181,006
Averages, per establishment.....		3.0	4.0	3.6	5.0	6.8	6.6	5.8
Salaries.....	\$	85,353,667	141,537,361	139,317,946	217,839,334	418,065,594	417,857,619	410,875,776
Averages, per establishment.....		1,315	1,811	1,608	1,746	2,171	2,191	2,270
Averages, per employee.....		541,605	577,690	382,022	533,342	1,030,324	928,665	877,150
Employees on wages.....	No.	24.8	26.0	16.1	21.5	36.2	32.0	28.1
Averages, per establishment.....		412,448,177	601,737,507	296,929,575	519,971,819	1,811,555,776	1,427,915,830	1,329,811,475
Cost of materials.....	\$	1,539,678,811	2,029,670,813	967,788,928	1,836,159,375	4,832,333,356	4,473,668,847	4,358,234,766
Averages, per employee.....		70,482	91,361	40,698	71,024	189,657	153,999	179,498
Averages, per establishment.....		2,539	3,045	2,065	2,790	3,052	3,097	4,111
Values added in manufacture ²	\$	1,281,131,980	1,755,383,637	919,671,181	1,531,051,691	4,015,775,010	3,564,315,899	3,467,004,980
Averages, per employee.....		58,643	79,015	38,674	61,724	140,989	122,696	110,948
Averages, per establishment.....		2,112	2,634	1,962	2,326	3,284	3,184	3,276
Gross value of products.....	\$	2,820,810,791	3,583,446,116	1,951,075,785	3,474,785,328	9,073,692,510	8,250,368,506	8,095,692,471
Averages, per establishment.....		129,128	164,501	82,173	140,684	318,565	284,006	287,150
Averages, per employee.....		1,651	2,386	1,170	5,280	7,420	7,371	7,594
Power employed.....	hp.	1,658,475	3,855,648	4,135,098	5,045,287	6,468,439	6,606,651	6,763,949
Averages, per establishment.....		76	92	74	203	227	227	217
Averages, per wage-earner.....		3.06	6.67	10.82	9.46	6.28	7.11	7.73

¹ A change in the method of computing the number of wage-earners in the years 1925 to 1939, inclusive, increased the number somewhat over that which the method otherwise used would have given. There was, therefore, a proportionate reduction in the averages for 1925-39 per employee and wage-earner, as compared with what these averages would have been under the other method. In 1931, however, the method in force prior to 1925 was re-adopted. The figures for 1931 and later years are, therefore, comparable with those for 1924 and earlier years.

² Not collected.

³ Net values of products; see footnote 1, Table 1.

5.—Consumption of Manufactured Products, 1928-1946 and by Industrial Groups, 1946

Year	Value of Products Manufactured	Manufactured and Partly Manufactured Goods ¹		Value of Manufactured Products Available for Consumption
		Value of Net Imports	Value of Domestic Exports	
	\$	\$	\$	\$
1928	3,582,345,302	954,387,551	698,376,615	3,838,356,238
1929	3,883,446,116	939,130,201	686,876,071	4,135,700,246
1930	3,280,236,603	675,828,233	490,108,470	3,465,956,366
1931	2,555,126,448	423,519,849	347,456,198	2,631,190,099
1932	1,980,471,543	281,855,757	267,765,614	1,994,561,686
1933	1,954,075,785	298,068,344	365,232,113	1,886,912,016
1934	2,393,692,729	357,320,284	419,094,297	2,331,918,716
1935	2,653,911,209	385,597,041	582,041,141	2,457,467,109
1936	3,002,403,814	468,455,981	676,890,803	2,793,968,992
1937	3,625,459,500	566,876,483	781,099,407	3,411,236,576
1938	3,337,681,366	472,193,253	587,758,795	3,222,115,824
1939	3,474,783,528	542,364,930	646,853,938	3,370,294,520
1940	4,529,173,316	807,636,948	913,049,979	4,423,760,285
1941	6,076,308,124	1,123,994,913	1,292,855,603	5,907,447,434
1942	7,553,794,072	1,283,884,068	2,056,368,079	6,781,310,961
1943	8,732,860,999	1,305,838,746	2,444,862,298	7,593,837,447
1944	9,073,692,519	1,302,413,996	2,668,575,781	7,707,630,734
1945	8,250,368,866	1,117,544,874	2,352,441,796	7,015,471,944
Industrial Group, 1946				
Vegetable products.....	1,469,914,130	143,536,230	215,611,006	1,397,839,354
Animal products.....	1,132,233,759	29,960,033	208,051,118	954,142,674
Textiles and textile products.....	888,658,943	190,897,928	52,076,376	1,027,480,495
Wood and paper products.....	1,484,436,122	67,812,569	580,131,378	972,117,333
Iron and its products.....	1,405,542,865	480,238,958	223,119,955	1,662,681,868
Non-ferrous metal products.....	719,191,106	104,265,224	227,819,704	595,636,626
Non-metallic mineral products.....	446,484,682	106,480,539	38,677,012	514,288,209
Chemicals and allied products.....	376,288,264	91,896,455	67,588,719	400,596,000
Miscellaneous industries.....	112,942,600	175,035,144	88,601,758	199,375,986
Totals, 1946.....	8,035,692,471	1,390,123,100	1,701,677,026	7,724,138,545

¹ Imports and exports of manufactured and partly manufactured goods for the years 1928 to 1938 are or the fiscal years ended Mar. 31 of the following years, while for 1939 to 1946 they are for the calendar year. Net imports are total imports less foreign products re-exported.

Section 2.—Value and Volume of Manufactured Products

Value of Manufactured Products.—In the interpretation of manufacturing values over a number of years, variations in the level of prices must be borne in mind, especially when such variations have been as great as those in the period since the annual Census of Manufactures was begun in 1917. The index number of wholesale prices in Canada, on the 1926 base, compiled by the Dominion Bureau of Statistics, stood at 114·3 in 1917, 155·9 in 1920, 97·3 in 1922, 95·6 in 1929, 67·1 in 1933, 84·6 in 1937, 75·4 in 1939 and 108·7 p.c. in 1946. Index numbers of the prices of fully or chiefly manufactured goods were: 113·5 in 1917, 156·5 in 1920, 100·4 in 1922, 93·0 in 1929, 70·2 in 1933, 80·5 in 1937, 75·3 in 1939 and 98·8 p.c. in 1946.

Volume of Manufacturing Production.—Since real income is ultimately measured in goods and services, the growth of the volume of manufacturing production, as distinguished from its value, becomes a matter of great significance. The important thing to know is whether consumers are getting more goods and services, not whether they are expending more dollars and cents.

The index of volume (Table 6) is based on the quantities of manufactured products reported. The industry indexes are weighted according to the values added by manufacture. The indexes for the years 1923-31 are based on the values added in 1926. The weights and products were changed in 1931, 1936 and then again in 1941. By changing the weights and products used in the construction of the index every five years, current changes in production are thereby reflected more accurately.

The physical volume of manufacturing production increased 50.2 p.c. from 1923 to 1929. When it is recalled that the population of Canada is estimated to have increased only 11.1 p.c. during the same period, the growth of manufacturing production is indeed remarkable. Of this advance, the part resulting from an increase in the domestic demand due to growth of population would therefore be about 11.1 p.c. Exports of partly and fully manufactured goods increased from \$591,830,000 in the fiscal year ended Mar. 31, 1924, to \$686,876,000 in the fiscal year 1929-30, the increase in exports representing about 3.6 p.c. of the 1923 production. The remainder of the increase in production by 1929, or a margin equal to roughly 35 p.c. of the volume of manufactures of 1923, was, therefore, apparently absorbed by increases in capital equipment and by the rise in the standard of living of the population of Canada.

A similar analysis of the volume of manufactures since 1929 in relation to population and exports would show that the decline in the depression preceding the Second World War was due chiefly to reduced exports and a cessation in production of capital equipment. As a result of the expansion in production resulting from the demands created by the War, the physical volume of production in 1943 when production was at an all-time high increased by 76.6 p.c. since 1939 and by 85.1 p.c. since 1929. The chemical and allied products group, with an increase of 262.5 p.c., reported the greatest expansion in output since 1939. This was followed by the iron and its products group with an increase of 222.2 p.c., non-ferrous metal products 129.9 p.c., miscellaneous industries 68.0 p.c., non-metallic mineral products 55.6 p.c., animal products 40.4 p.c., textiles and textile products 33.7 p.c., vegetable products 24.6 p.c., and wood and paper products 21.4 p.c. There was also an increase in the volume of consumer goods. As was to be expected, the increase was not so great as that for the output of equipment and supplies needed by the Armed Forces. Drink and tobacco increased by 50.5 p.c., food 26.8 p.c. and clothing 24.7 p.c.

In 1946 the index of the physical volume of production at 150.3 represented a drop of 19.9 p.c. from the high mark attained in 1943. Chemicals and allied products had the sharpest decline of 65.2 p.c., followed by iron and its products with 44.7 p.c., non-ferrous metal products 39.1 p.c.; miscellaneous industries 9.3 p.c.; and textiles and textile products 4.4 p.c. The wood and paper, vegetable, non-metallic mineral and animal products groups on the other hand reported an increase in the volume of production. The volume of consumers goods continued to rise with the books and stationery group reporting an increase of 28.3 p.c., followed by drink and tobacco with 26.3 p.c., personal utilities 25.4 p.c., house furnishings 15.8 p.c., food 11.9 p.c. and clothing 5.0 p.c. Industrial equipment and producers' materials were both down with declines of 25.7 and 15.1 p.c. respectively. Vehicles and vessels had the greatest decline of 52.1 p.c.

6.—Indexes of the Volume of Manufacturing Production, According to Component Material and Purpose Classifications, 1923-1946

(1935-39=100)

(The indexes for 1940 to 1946 are being revised in the light of supplementary information now available)

	COMPONENT MATERIAL CLASSIFICATION GROUPS									
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX
1923.....	67.5	62.6	75.0	64.3	65.1	81.5	42.7	81.8	59.2	99.5
1924.....	66.3	67.8	80.4	62.1	64.0	68.6	46.4	78.9	60.5	95.0
1925.....	72.5	75.1	84.8	66.5	69.0	79.9	52.5	80.3	64.8	94.5
1926.....	82.5	80.2	92.2	75.8	78.1	102.6	58.6	89.6	70.5	104.4
1927.....	87.9	84.9	90.0	81.4	84.1	104.1	67.6	102.3	75.2	114.2
1928.....	95.8	93.5	92.9	87.0	92.5	117.1	75.3	116.3	82.7	110.5
1929.....	101.4	96.4	87.9	86.1	99.6	133.4	81.3	137.1	84.8	105.6
1930.....	91.9	91.6	85.3	80.0	92.1	108.6	76.8	122.9	74.9	87.8
1931.....	79.9	83.4	77.4	78.2	76.6	82.8	73.1	105.6	69.2	80.0
1932.....	67.6	74.1	76.7	74.6	68.0	59.5	58.9	75.1	66.0	75.8
1933.....	67.7	72.8	79.6	81.1	69.6	50.2	57.6	68.8	69.9	71.9
1934.....	79.6	82.4	80.5	89.5	81.5	67.6	70.8	82.5	79.3	85.2
1935.....	87.9	87.0	91.3	94.5	89.5	83.4	81.2	88.1	87.2	91.1
1936.....	96.2	95.9	98.7	99.9	98.4	93.5	91.5	96.8	93.6	91.7
1937.....	108.9	104.5	102.7	106.0	109.6	118.1	110.1	111.3	107.3	106.6
1938.....	100.8	102.4	100.3	94.5	97.8	102.8	106.0	101.6	102.9	105.3
1939.....	106.3	100.0	107.2	104.9	104.4	101.9	111.1	105.1	108.9	110.7
1940.....	125.2	117.9	118.7	124.8	117.8	141.2	133.2	127.8	130.2	116.3
1941.....	155.9	137.2	138.2	143.1	131.3	217.1	165.4	148.8	219.6	157.4
1942.....	179.9	126.4	145.0	152.4	131.2	289.2	213.7	157.6	360.6	180.2
1943.....	187.7	135.8	150.5	140.2	126.7	328.3	255.4	163.5	394.8	186.0
1944.....	180.8	155.0	155.9	136.2	129.1	300.5	229.6	166.5	338.8	192.0
1945.....	165.3	159.0	159.9	134.7	136.2	247.7	177.6	165.6	257.2	195.6
1946.....	150.3	166.6	157.0	134.1	155.5	181.7	155.6	176.2	137.3	168.7

I. Vegetable products IV. Wood and paper products VII. Non-metallic mineral products
 II. Animal products V. Iron and its products VIII. Chemicals and allied products
 III. Textiles and textile products VI. Non-ferrous metal products IX. Miscellaneous industries

Year	PURPOSE CLASSIFICATION GROUPS										
	All Industries	I	II	III	IV	V	VI	VII	VIII	IX	X
1923.....	67.5	73.7	69.2	50.1	85.1	62.1	56.1	69.3	64.3	77.4	45.0
1924.....	66.3	79.0	69.3	57.4	81.2	69.4	46.8	65.8	64.2	67.4	47.1
1925.....	72.5	84.0	74.4	61.0	87.0	67.7	54.8	71.9	69.6	83.3	48.7
1926.....	82.5	87.0	83.5	65.9	99.6	78.7	60.3	81.6	84.3	108.3	52.9
1927.....	87.9	85.0	89.0	75.8	105.9	95.0	67.0	86.6	91.7	115.2	55.8
1928.....	95.8	90.2	96.0	86.0	106.5	98.3	74.1	95.7	101.6	122.6	60.0
1929.....	101.4	89.4	95.8	92.6	101.5	108.3	79.3	101.8	109.2	142.6	66.2
1930.....	91.9	91.0	88.5	86.3	84.1	98.8	78.7	90.7	97.0	115.6	55.5
1931.....	79.9	83.4	85.1	78.0	78.2	85.9	75.0	76.4	82.0	82.7	56.4
1932.....	67.6	80.6	77.8	67.0	70.3	70.7	76.9	61.2	63.7	56.8	52.6
1933.....	67.7	79.9	81.7	63.4	70.7	68.7	73.5	63.6	59.2	57.7	59.9
1934.....	79.6	87.8	87.7	72.7	79.5	79.1	83.6	77.3	73.8	76.6	72.8
1935.....	87.9	90.5	92.2	82.5	87.6	85.9	93.4	86.2	84.7	90.5	78.6
1936.....	96.2	98.8	97.9	90.9	94.3	95.4	96.3	97.0	94.9	94.3	87.2
1937.....	108.9	101.5	103.9	107.6	106.7	110.5	101.7	111.8	113.3	118.0	109.6
1938.....	100.8	102.4	97.9	107.5	103.0	101.6	103.8	98.0	102.0	99.9	109.1
1939.....	106.3	107.6	108.2	111.6	108.5	106.5	104.7	106.9	105.1	97.4	115.5
1940.....	125.2	115.0	119.9	129.7	115.1	120.5	102.8	128.7	138.7	129.5	189.3
1941.....	155.9	131.7	136.0	149.5	140.0	140.4	112.8	151.1	184.9	230.8	230.8
1942.....	179.9	130.6	142.7	171.2	144.6	149.4	106.6	172.3	222.8	310.2	430.9
1943.....	187.7	135.7	134.9	167.9	141.7	149.7	107.2	172.7	257.0	373.0	405.1
1944.....	180.8	147.5	135.7	193.0	143.9	153.6	110.7	164.4	237.6	369.5	362.4
1945.....	165.3	149.0	136.7	203.5	158.9	156.1	120.4	152.8	208.6	289.4	257.8
1946.....	150.3	161.9	141.6	212.0	177.7	173.3	137.5	146.6	191.0	178.6	105.9

I. Food
 II. Clothing
 III. Drink and tobacco
 IV. Personal utilities
 V. House furnishings

VI. Books and stationery
 VII. Producer materials
 VIII. Industrial equipment
 IX. Vehicles and vessels
 X. Miscellaneous

7.—Indexes of the Volume of Manufacturing Production for the Groups of the Purpose Classification, Significant Years, 1923-46

(1935-39=100)

Group and Classification	1923	1929	1933	1939	1943	1945	1946
Food	73.7	89.4	79.9	107.0	135.7	149.0	151.9
Breadstuffs.....	81.0	98.7	84.3	108.9	138.7	144.5	151.3
Fish.....	108.5	114.1	86.7	98.8	131.9	161.5	156.8
Fruit and vegetable preparations.....	32.9	70.8	64.5	109.9	107.0	133.7	175.4
Meats.....	72.7	78.5	76.2	106.0	165.3	176.4	159.2
Milk products.....	69.8	77.2	78.7	107.3	145.5	148.7	141.2
Oils and fats.....	52.0	40.9	41.9	156.4	314.0	336.6	356.7
Sugar.....	79.2	88.5	82.5	109.4	83.3	95.0	92.8
Infusions.....	64.4	75.0	82.5	105.8		195.5	196.0
	46.5	77.4	65.5	110.4	156.2		
Clothing	69.2	95.8	81.7	108.2	134.9	136.7	141.6
Boots and shoes.....	73.0	100.6	80.0	113.4	107.9	129.9	140.5
Fur goods.....	41.1	97.6	81.0	118.3	169.7	195.0	206.9
Garments and personal furnishings.....	75.3	94.2	80.2	103.1	153.9	144.4	145.6
Gloves and mittens.....	59.2	84.0	76.4	100.4	167.1	172.5	170.7
Hats and caps.....	58.6	95.3	74.3	104.5	130.9	123.9	133.8
Knitted goods.....	64.8	86.1	83.1	112.4	118.2	120.4	125.8
Waterproofs.....	48.9	89.8	65.7	100.4	250.0	160.9	159.3
Drink and Tobacco	50.1	92.6	62.4	111.6	167.9	203.5	212.0
Beverages, alcoholic.....	49.5	105.9	60.5	102.8	165.8	229.5	258.2
Beverages, non-alcoholic.....	35.9	61.3	54.9	136.4	178.6	171.8	187.8
Tobacco.....	55.3	90.7	77.1	111.3	170.6	210.1	189.2
Personal Utilities	85.1	101.5	70.7	108.5	141.7	158.9	177.7
Jewellery and time-pieces.....	78.4	88.5	67.7	108.1	140.0	167.6	207.2
Recreational supplies.....	193.3	176.7	48.2	114.1	152.4	189.2	218.6
Personal utilities.....	56.1	79.8	78.1	107.5	142.6	152.5	160.6
House Furnishings	62.1	108.3	68.7	106.5	149.7	156.1	173.3
Books and Stationery	56.1	79.3	75.5	104.7	107.2	129.4	137.5
Producers Materials	69.3	101.8	63.6	106.9	172.7	152.8	146.6
Farm materials (fertilizers).....	8.0	13.4	51.7	124.8	204.5	236.3	303.2
Manufacturers materials.....	58.7	88.1	64.4	105.6	169.1	146.8	141.1
Building materials.....	109.3	152.9	58.8	111.2	154.8	162.7	188.4
General materials.....	86.0	120.3	69.3	108.5	190.0	202.8	206.9
Industrial Equipment	64.3	109.2	59.2	105.1	257.0	208.6	191.0
Farming equipment.....	97.7	144.7	43.3	85.1	240.7	211.0	204.8
Manufacturing equipment.....	66.5	101.3	44.9	107.6	293.5	244.1	243.7
Trading equipment.....	55.2	77.2	80.0	107.7	Nil	Nil	Nil
Service equipment.....	67.7	75.8	72.5	100.4	317.8	220.9	152.0
Light, heat and power equipment.....	46.6	104.8	61.7	105.0	220.7	199.7	193.9
General equipment.....	74.2	114.4	58.5	106.4	292.8	217.3	191.2
Vehicles and Vessels	77.4	142.6	57.7	97.4	373.0	289.4	178.6
Miscellaneous	45.0	66.2	59.9	115.5	405.1	257.8	105.9
Totals, All Manufactures	67.5	101.4	67.7	106.3	187.7	165.3	150.3

Section 3.—Production by Industrial Groups and Individual Industries

For the purposes of the Census of Manufactures, the main detailed analysis is made under a classification in which industries are grouped according to the chief component materials of the goods manufactured. This is, therefore, the grouping used in Table 10, where the statistics of individual industries are presented in detail and in the historical series shown in Table 3. However, there are also less detailed analyses under the standard classification grouping given in Table 11, purpose groupings in Table 12 and under origin groupings in Table 13.

Subsection 1. Manufactures Grouped by Chief Component Materials

A classification based on the chief component materials in the various products of each manufacturing establishment was applied for the first time in the compilation of the returns for 1920. The number of groups was reduced from fifteen to nine to correspond with the external trade classification and the classes of industry were somewhat altered to conform with recent industrial developments. Subsequently, a number of minor changes were made, the most important being the elimination of

central electric stations and the dyeing, cleaning and laundry industry from the compilation in 1936. Revisions due to these changes have been carried back to 1917 in so far as possible.

Recent Changes in Manufacturing Production.—Table 8 shows the effects of the depression, the recovery since 1933, and the impact of the Second World War upon the main groups of industries with regard to the numbers employed, the salaries and wages paid, and the gross value of products. Owing to the price decline during the depression, money values of both wages and products were naturally affected more than number of employees. Furthermore, during periods of curtailed production there is a tendency for wage-earners to be put on part time, while the number of salaried employees responds less quickly to reduction in output than that of wage-earners. Therefore, there are several reasons why the variation in number of employees should be less than that of money values. The figures of Table 8 are to be compared with those of Table 6 which shows changes in volume of production. Compared with 1939, the number of employees in 1944 increased by 85.8 p.c. as compared with an increase of 70.1 p.c. in the physical volume of production. Salaries and wages paid were 175.1 p.c. higher and the gross value of production 161.1 p.c. higher. Another significant change is the increase in the proportion of women engaged in manufacturing. Whereas in 1939, there were 281 females to every 1,000 males employed, in 1944 this figure jumped to 403.

8.—Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, Compared for Significant Years, 1929-44

NOTE.—The highest pre-depression year was 1929, while the lowest depression year was 1933.

Industrial Group	1933 Compared with 1929			1939 Compared with 1929			1944 Compared with 1939		
	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts	Em- ployees	Salaries and Wages	Gross Value of Pro- ducts
Vegetable products.....	-17.2	-28.5	-44.8	+ 9.2	+ 8.8	-15.8	+ 31.4	+ 76.4	+ 92.6
Animal products.....	-21.5	-25.2	-43.3	+ 2.5	+ 9.9	- 3.3	+ 35.8	+ 89.4	+136.4
Textile products.....	- 7.9	-23.3	-30.7	+16.5	+12.8	- 2.6	+ 26.5	+ 82.8	+ 99.1
Wood and paper products.....	-36.1	-46.8	-52.9	-12.0	-14.0	-20.0	+ 31.0	+ 72.1	+ 88.6
Iron and its products.....	-48.6	-64.5	-72.6	-15.2	-22.2	-30.0	+240.3	+416.2	+359.1
Non-ferrous metals.....	-36.6	-48.4	-41.9	+11.8	+ 9.5	+46.7	+134.1	+206.5	+138.5
Non-metallic minerals.....	-42.0	-50.5	-42.8	-21.3	-22.8	- 9.4	+ 37.2	+ 86.7	+100.0
Chemicals.....	- 7.8	-17.2	-33.0	+35.3	+39.4	+15.2	+262.1	+335.3	+359.8
Miscellaneous products.....	-22.6	-37.3	-52.9	+13.9	+ 4.7	-15.3	+108.0	+216.6	+251.4
Averages, All Industries	-29.7	-43.9	-49.7	- 1.3	- 5.1	-10.5	+ 85.8	+175.1	+161.1

Significant changes in the nature of manufacturing production took place since the cessation of hostilities in 1945. As was to be expected, industries engaged in war production would operate at a substantially lower level, while industries producing consumers goods would materially step up their production. The changes which took place are summarized in Table 9. From the point of view of employment the chemical and allied products group with a drop of 54.4 p.c. experienced the greatest decline in production between 1944 and 1946. Iron and its products was second with a drop of 39.5 p.c., followed by non-ferrous metal products with 18.7 p.c. and miscellaneous industries 16.3 p.c. The wood and paper products group reported the greatest gain with an increase in employment of 18.2 p.c., followed by non-metallic mineral products with 15.5 p.c., animal products 9.1 p.c., textiles 7.6 p.c. and vegetable products 5.0 p.c. For manufacturing as a whole there was a drop of 13.5 p.c. in the number of employees, 14.2 p.c. in salaries and wages paid and 11.4 p.c. in the gross value of production.

Percentage Variation in Employment, Salaries and Wages, and Gross Value of Products in the Main Industrial Groups, 1946, Compared with 1944 and 1945.

Group	1946 Compared with 1944			1946 Compared with 1945		
	Number of Employees	Salaries and Wages	Gross Value of Products	Number of Employees	Salaries and Wages	Gross Value of Products
All Groups	-13.5	-14.2	-11.4	-5.5	-5.7	-2.6
Vegetable products.....	+5.0	+12.5	+15.7	+1.4	+5.6	+8.6
Animal products.....	+9.1	+17.3	+3.7	+4.6	+9.5	+1.8
Textiles and textile products.....	+7.6	+16.5	+13.7	+4.2	+9.8	+10.0
Wood and paper products.....	+18.2	+28.7	+35.7	+12.4	+19.6	+25.3
Iron and its products.....	-39.5	-41.9	-44.7	-22.5	-25.3	-28.8
Non-ferrous metal products.....	-18.7	-17.8	-27.5	-4.0	-5.0	-7.7
Non-metallic mineral products.....	+15.5	+13.8	+7.3	+12.2	+11.6	+10.0
Chemicals and allied products.....	-54.4	-51.6	-48.7	-38.6	-37.2	-21.4
Miscellaneous industries.....	-16.3	-23.4	-25.9	-14.3	-18.1	-26.7

Detailed Statistics by Groups and Individual Industries. Table 10 presents for the year 1946 detailed statistics regarding the individual industries under which all industrial plants in the Dominion are classified. The industries are further assembled under nine main groups according to the principal component material of their products.

In interpreting the statistics of individual industries it should be remembered that the figures on employment, production, etc., do not refer to individual products but to all the products made in an industry. For example, the value of production of the biscuit and confectionery industry amounting to \$86,714,459 in 1946 does not mean that this was the value of biscuits and confectionery produced. What it means is that the firms whose principal products were biscuits and confectionery had a value of production of \$86,714,459. This figure, in addition to biscuits and confectionery, includes all the subsidiary products made by these firms, such as ice cream, which was valued at \$1,411,275, and bread and other bakery products amounting to \$5,071,780. Biscuits and confectionery are also produced as subsidiary products by firms credited to other industrial classifications. For total production figures for individual products reference should be made to Appendix II of this report "Alphabetical List of Products".

The incidence of the War resulted in a rearrangement in the rank of many industries. Industries producing supplies and equipment for the Armed Forces naturally advanced while those industries producing for the domestic consumer market declined in importance. To supply the raw materials needed by the industries engaged principally in war production, it became necessary to restrict or prohibit the manufacture of many products such as pleasure cars, radios, washing machines, electrical equipment, household appliances, agricultural implements, etc. Though these industries were forced to change over to wartime production, the changes did not affect the value of their output and consequently their importance as producers of manufactured goods did not alter drastically. To analyse the effects of the War and the conversion to peace-time production on any industry, it is necessary to compare the nature of the products made before and during the War with that of the present. This should be borne in mind in making industrial comparisons of the war years and the present. For example, the number of employees engaged in the agricultural implements industry increased by 8,248 between 1939 and 1945; this in spite of the fact that the output of agricultural implements remained at about the same level. The increase was due to a change-over of some of the plants to war production. It is therefore impossible to trace industrial trends from the principal statistics alone, as published in this report.

10. Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group	Establishments	Employees on Salary			Employees on	
		Male	Female	Salaries	Male	Female
	No.	No.	No.	\$	No.	No.
PROVINCE						
1 Prince Edward Island.....	246	300	76	394,735	908	471
2 Nova Scotia.....	1,397	2,971	905	6,031,360	22,193	3,655
3 New Brunswick.....	993	2,390	791	5,978,530	15,947	3,604
4 Quebec.....	10,818	42,251	16,180	134,254,799	211,199	87,676
5 Ontario.....	11,424	59,899	29,558	210,784,299	310,972	97,691
6 Manitoba.....	1,357	4,634	1,740	13,335,733	24,300	7,687
7 Saskatchewan.....	955	2,100	723	4,668,247	7,893	1,331
8 Alberta.....	1,315	3,343	1,116	8,079,023	14,995	3,195
9 British Columbia.....	2,731	9,097	2,906	26,410,403	54,351	9,130
10 Yukon and Northwest Territories.....	13	17	3	38,048	61	11
Totals.....	31,249	127,002	54,004	410,875,776	662,699	214,451
INDUSTRIAL GROUP						
1 Vegetable products.....	5,916	17,619	7,416	54,503,739	75,225	36,910
2 Animal products.....	4,528	13,015	4,917	35,096,105	60,736	24,176
3 Textiles and textile products.....	3,082	12,316	7,489	52,363,705	58,904	86,028
4 Wood and paper products.....	11,994	32,593	10,878	87,385,351	157,119	23,531
5 Iron and its products.....	2,358	26,923	11,247	95,171,196	199,762	11,347
6 Non-ferrous metal products.....	740	11,297	5,485	40,196,279	51,754	16,317
7 Non-metallic mineral products.....	910	4,347	1,459	13,086,515	28,119	2,568
8 Chemicals and allied products.....	1,017	6,373	3,725	24,072,730	20,077	7,100
9 Miscellaneous industries.....	704	2,519	1,385	9,000,156	11,003	6,474
1.—Vegetable Products						
1 Aerated and mineral waters.....	456	1,073	338	3,230,147	3,347	282
2 Biscuits, confectionery, cocoa, etc.....	237	1,266	635	4,581,029	4,677	6,415
3 Bread and other bakery products.....	2,864	3,618	1,223	8,169,704	18,694	6,913
4 Breweries.....	61	1,233	319	4,880,558	6,798	294
5 Distilleries.....	18	586	234	2,288,106	2,115	1,140
6 Flour and feed mills.....	974	1,684	467	3,804,180	5,604	281
7 Foods, breakfast.....	23	163	72	505,602	596	325
8 Foods, stock and poultry.....	235	701	309	1,944,890	2,828	133
9 Foods, miscellaneous.....	286	1,099	683	4,101,501	2,155	2,956
10 Fruit and vegetable preparations.....	513	1,439	759	4,126,509	7,521	6,654
11 Macaroni, vermicelli, etc.....	17	53	31	205,503	391	251
12 Malt and malt products.....	11	73	29	283,458	455	6
13 Rubber goods, including rubber footwear.....	60	3,038	1,464	10,306,594	12,739	4,814
14 Starch and glucose.....	10	171	77	577,061	712	67
15 Sugar refineries.....	11	277	101	1,146,141	1,987	268
16 Tobacco, cigars and cigarettes.....	78	715	493	2,850,492	2,812	5,512
17 Tobacco processing and packing.....	17	203	34	575,122	620	460
18 Vegetable oil mills.....	14	85	34	314,024	609	6
19 Wine.....	29	123	56	533,823	515	133
20 All other industries.....	2	19	3	79,295	50	—
Totals, Vegetable Products.....	5,916	17,619	7,416	54,503,739	75,225	36,910
2.—Animal Products						
1 Animal oils and fats.....	8	25	9	82,558	113	1
2 Belting, leather.....	15	46	20	146,861	164	24
3 Boot and shoe findings, leather.....	25	60	31	199,082	458	169
4 Boots and shoes, leather.....	294	1,775	755	5,927,432	11,178	8,626
5 Butter and cheese.....	2,161	3,809	1,539	7,288,689	13,022	1,289
6 Cheese, processed.....	23	130	56	387,331	358	338
7 Condensed milk.....	31	155	91	495,439	1,103	117
8 Dairy products, other.....	85	142	55	377,710	384	91
9 Fish curing and packing.....	586	1,166	232	2,156,716	7,183	2,746
10 Fur dressing and dyeing.....	24	143	39	444,879	1,126	343
11 Fur goods.....	593	1,162	370	3,380,782	2,518	2,214
12 Gloves and mittens, leather.....	84	212	101	676,466	911	1,843
13 Hair goods, animal and human.....	20	28	16	114,136	212	94
14 Leather tanneries.....	78	376	152	1,731,183	4,400	472
15 Miscellaneous leather goods.....	280	597	246	1,799,004	2,313	2,361
16 Sausage and sausage casings.....	74	142	34	257,019	310	113
17 Slaughtering and meat packing.....	147	3,047	1,171	9,630,818	14,983	3,335
Totals, Animal Products.....	4,528	13,015	4,917	35,096,105	60,736	24,176

Table 518. and Values of Products of Canadian Manufacturing Industries, 1946

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products		
Wages					Net	Gross	
\$	No.	\$	\$	\$	\$	\$	
1,256,734	1,755	1,651,460	148,829	7,582,046	3,469,435	11,203,310	1
36,128,899	29,724	43,030,259	6,700,067	100,354,480	71,738,872	175,793,420	2
27,173,389	22,732	33,151,919	6,581,065	96,389,299	67,783,377	170,753,741	3
431,731,306	357,276	565,985,105	74,970,574	1,297,090,099	1,125,991,848	2,497,971,521	4
634,432,248	498,120	845,216,547	93,338,487	2,001,900,592	1,659,284,622	3,754,523,701	5
47,682,612	38,367	61,018,345	6,009,358	223,096,935	122,780,805	351,887,099	6
13,288,070	11,957	17,956,317	3,301,228	126,595,761	38,459,630	168,356,619	7
26,860,065	22,649	34,939,088	3,871,680	169,425,176	83,735,011	257,031,867	8
111,096,242	75,484	137,506,645	15,466,713	335,708,533	293,352,652	644,527,898	9
161,913	92	203,560	64,723	172,845	408,727	646,295	10
1,329,811,478	1,058,156	1,740,687,254	210,452,725	4,358,231,766	3,467,001,980	8,035,692,471	
152,389,942	137,170	206,893,681	22,514,615	871,436,061	575,963,454	1,469,914,130	1
115,421,732	102,844	151,517,837	11,711,525	849,242,804	271,279,430	1,132,233,759	2
175,654,618	164,737	228,018,323	10,731,057	459,664,221	418,263,665	888,658,943	3
278,664,211	224,121	366,049,592	56,037,626	679,343,485	749,055,011	1,484,436,122	4
380,641,787	249,279	475,812,983	34,739,295	635,344,199	735,459,371	1,405,542,855	5
110,169,899	84,853	150,366,178	27,707,597	413,022,247	278,461,262	719,191,106	6
50,762,125	36,493	63,848,640	32,360,617	240,485,869	173,638,196	446,484,682	7
42,165,872	37,278	66,538,532	13,340,472	159,308,350	203,639,442	376,288,264	8
22,941,362	21,381	31,641,518	1,309,921	50,387,530	61,245,149	112,942,600	9
4,920,611	5,040	8,150,758	843,212	14,872,546	27,332,922	43,048,680	1
12,070,461	13,043	16,651,490	1,150,541	43,982,673	41,581,245	86,714,459	2
34,817,497	30,453	42,987,201	4,495,245	70,886,539	72,980,744	148,362,528	3
8,644	17,743,749	1,612,598	23,416,499	84,270,490	109,299,587	4	
4,075	7,122,533	1,355,191	21,437,733	44,326,434	67,119,358	5	
8,036	12,898,160	2,234,470	224,233,698	34,191,283	260,659,451	6	
1,156	2,062,310	233,533	7,535,527	7,186,162	14,955,222	7	
3,971	6,408,326	737,013	68,649,226	14,207,938	83,594,177	8	
6,893	9,758,181	598,880	78,782,164	30,670,894	110,051,938	9	
16,373	19,168,778	1,889,642	83,434,146	50,680,350	136,004,138	10	
726	1,018,802	105,784	2,888,739	2,252,412	5,246,935	11	
563	1,145,947	630,847	9,509,127	5,534,724	15,665,698	12	
22,055	37,813,363	3,821,287	62,135,578	93,451,248	159,408,113	13	
1,072,647	1,027	1,649,708	519,216	6,943,428	3,015,462	10,478,106	14
3,864,548	2,633	5,010,789	1,532,486	45,900,913	13,748,222	61,181,621	15
9,860,868	9,532	12,711,360	296,061	45,455,773	36,048,133	81,799,907	16
1,124,076	1,317	1,699,198	101,125	33,799,632	3,933,492	37,834,249	17
909,783	734	1,303,837	252,014	20,441,369	4,760,056	25,453,439	18
899,800	827	1,424,623	99,075	5,215,338	5,497,977	10,812,390	19
	72	164,598	6,395	1,924,413	293,266	2,224,074	20
152,389,942	137,170	206,893,681	22,514,615	871,436,061	575,963,454	1,469,914,130	
199,814	148	282,372	71,490	639,978	467,612	1,179,080	1
259,070	254	405,931	15,765	1,173,094	730,580	1,910,439	2
864,684	718	1,063,766	126,316	1,520,992	1,733,628	3,380,936	3
27,096,164	22,334	29,023,596	481,830	52,340,814	43,612,607	96,435,251	4
21,379,552	19,659	28,668,241	4,264,903	177,638,517	52,761,041	234,664,461	5
905,015	882	1,282,349	65,398	11,666,968	4,435,512	16,167,878	6
1,792,005	1,466	2,287,444	937,789	26,082,614	8,620,642	35,641,045	7
598,159	672	975,860	146,281	2,896,400	2,283,819	5,326,500	8
11,643,093	11,327	13,799,809	1,193,688	68,012,828	31,084,775	100,201,291	9
2,031,055	1,651	2,475,934	100,291	1,026,978	3,883,270	5,010,539	10
7,131,892	6,264	10,512,674	148,148	39,394,072	18,195,296	57,737,516	11
2,599,869	3,067	3,156,335	43,208	5,711,362	5,012,729	10,767,299	12
298,553	350	412,689	10,264	904,449	531,247	1,445,990	13
7,493,146	5,400	9,224,329	938,731	35,658,320	20,401,700	56,998,751	14
5,039,667	5,517	6,808,071	121,166	12,298,363	10,828,251	23,247,780	15
537,784	599	794,803	85,398	4,243,599	1,827,882	6,156,879	16
30,642,207	22,536	40,313,025	3,050,859	408,033,456	64,868,839	475,953,154	17
116,421,732	102,844	151,517,837	11,711,525	849,242,804	271,279,130	1,132,233,759	

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group		Estab- lish- ments	Employees on Salary			Employees on	
			Male	Female	Salaries	Male	Female
		No.	No.	No.	\$	No.	No.
3.—Textiles and textile Products							
1	Awnings, tents and sails.....	90	214	100	639,947	544	506
2	Bags, cotton and jute.....	31	122	60	589,535	385	846
3	Batting and wadding.....	6	31	9	141,336	253	55
4	Carpets, mats and rugs.....	20	123	60	530,688	617	450
5	Clothing, men's factory.....	537	2,505	1,328	10,300,478	7,068	16,921
6	Clothing, women's factory.....	1,108	2,819	1,821	12,440,867	5,637	19,686
7	Clothing contractors, men's.....	139	229	48	616,683	1,093	2,536
8	Clothing contractors, women's.....	100	128	37	345,835	253	1,282
9	Cordage, rope and twine.....	10	113	52	459,620	955	620
10	Corsets.....	39	183	328	1,288,275	242	2,074
11	Cotton and wool waste.....	28	59	30	295,085	193	161
12	Cotton textiles, miscellaneous.....	116	262	138	965,213	431	1,697
13	Cotton thread.....	7	113	64	398,568	178	572
14	Cotton yarn and cloth.....	41	798	533	3,472,978	11,610	7,721
15	Dyeing and finishing of textiles.....	41	220	117	982,316	1,461	390
16	Flax fibre.....	36	50	10	106,490	415	2
17	Gloves and mittens, fabric.....	15	55	26	164,215	99	466
18	Hats and caps.....	171	544	284	2,373,057	2,097	2,662
19	Hosiery and knitted goods.....	247	1,353	1,029	5,852,571	7,444	15,115
20	Linen goods.....	6	18	10	62,867	54	82
21	Miscellaneous textiles.....	16	267	116	1,229,836	1,107	256
22	Narrow fabrics, laces, etc.....	39	187	159	551,064	768	950
23	Oiled and waterproofed clothing.....	15	55	30	248,444	163	313
24	Silk and artificial silk.....	36	872	523	3,782,939	7,474	4,231
25	Woollen cloth.....	100	573	348	2,484,855	4,935	4,057
26	Woollen goods, miscellaneous.....	35	170	84	842,239	1,532	433
27	Woollen yarn.....	53	253	145	897,704	1,896	1,944
Totals, Textiles and Products.....		3,082	12,316	7,489	52,363,705	58,904	56,028
4.—Wood and Paper Products							
1	Beekeepers' and poultrymen's supplies.....	12	18	11	36,373	102	33
2	Blueprinting.....	25	34	18	119,017	128	39
3	Boat building.....	196	292	51	463,670	1,413	46
4	Boxes and bags, paper.....	160	1,020	596	4,169,569	5,159	5,200
5	Boxes, wooden.....	188	412	125	1,032,163	3,900	502
6	Carriages, wagons and sleighs.....	62	94	12	136,749	348	1
7	Coffins and caskets.....	53	134	40	345,683	922	164
8	Cooperage.....	66	76	25	182,111	801	14
9	Engraving, stereotyping and electrotyping.....	111	525	292	2,220,333	2,130	728
10	Excelsior.....	9	18	9	43,504	121	22
11	Flooring, hardwood.....	22	97	43	303,780	1,147	34
12	Furniture.....	824	1,999	644	5,582,581	15,168	1,406
13	Lasts, trees and shoe findings.....	19	80	39	214,998	425	228
14	Lithographing.....	48	349	288	2,072,940	1,997	1,062
15	Miscellaneous paper products.....	187	893	569	3,445,552	3,476	2,754
16	Miscellaneous wooden products.....	385	576	151	1,163,264	2,612	676
17	Planing mills, sash and door factories.....	1,078	1,959	424	4,072,002	11,409	220
18	Printing and bookbinding.....	1,406	3,129	1,349	9,350,083	9,842	5,056
19	Printing and publishing.....	775	6,643	3,492	19,567,211	9,473	1,954
20	Pulp and paper.....	113	5,245	1,665	20,959,990	37,262	795
21	Refrigerators, other than electric.....	14	48	20	127,603	307	4
22	Roofing paper, etc.....	21	338	168	1,026,722	1,360	149
23	Sawmills.....	6,001	8,019	547	8,343,488	40,037	749
24	Trade composition.....	39	75	41	300,994	392	14
25	Veneer and plywood.....	34	265	122	999,463	3,690	1,084
26	Woodenware.....	29	47	22	103,718	575	175
27	Wood turning.....	85	165	45	373,424	1,318	248
28	All other industries.....	32	143	70	628,356	1,605	174
Totals, Wood and Paper Products.....		11,994	32,593	10,878	87,385,351	157,119	23,531
5.—Iron and its Products—							
1	Agricultural implements.....	51	1,611	707	5,436,844	11,304	244
2	Aircraft.....	16	2,322	925	8,019,265	7,809	349
3	Automobiles.....	9	2,332	995	9,404,030	18,189	131
4	Automobile supplies.....	124	1,617	793	6,056,425	11,058	1,880
5	Bicycles.....	7	82	32	251,290	515	78
6	Boilers, tanks and platework.....	44	746	303	2,598,507	3,891	102
7	Bridge and structural steel.....	25	1,035	281	3,952,510	4,724	51
8	Castings, iron.....	219	1,292	564	4,575,279	14,693	376
9	Hardware, tools and cutlery.....	276	1,540	948	6,010,312	10,784	2,596
10	Heating and cooking apparatus.....	97	688	376	2,509,805	6,478	283
11	Iron and steel products, miscellaneous.....	229	915	292	2,177,018	4,461	433
12	Machinery.....	299	4,231	1,971	14,369,671	19,824	977
13	Machine shops.....	460	950	264	2,552,704	4,110	134
14	Primary iron and steel.....	59	1,814	815	7,413,359	21,373	194

Materials, and Values of Products of Canadian Manufacturing Industries, 1946--con.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
					Net	Gross
\$	No.	\$	\$	\$	\$	\$
1,228,955	1,364	1,868,902	49,449	3,804,588	3,236,348	7,090,385
1,353,338	1,413	1,942,873	71,257	22,026,290	6,043,937	28,141,484
475,139	348	616,475	56,349	2,210,547	1,280,979	3,547,875
1,517,691	1,250	2,048,379	123,658	2,940,500	3,396,304	6,460,462
27,814,354	27,822	38,114,832	453,119	83,033,566	69,220,286	152,706,971
32,544,311	29,963	44,985,178	396,314	91,138,141	82,818,768	174,353,223
4,045,815	3,906	4,662,498	83,111	392,652	5,595,226	6,070,989
1,666,192	1,700	2,012,027	27,085	170,924	2,651,827	2,849,836
2,209,616	1,740	2,669,236	170,710	8,058,127	5,641,043	13,869,880
2,000,792	2,827	3,289,067	34,645	5,111,692	6,969,249	12,115,586
421,850	443	716,935	61,824	4,524,851	1,410,669	5,997,344
2,120,157	2,528	3,085,370	54,406	9,591,190	5,860,162	15,505,758
745,715	927	1,144,283	76,343	3,460,966	2,405,268	5,942,577
25,617,365	20,662	29,090,343	2,859,753	62,495,630	44,473,067	109,828,450
2,427,073	2,188	3,090,389	630,598	1,790,674	6,785,972	9,207,244
457,722	477	564,212	57,630	—	1,677,076	1,734,706
473,665	646	637,880	12,864	1,082,980	1,076,787	2,172,631
6,177,965	5,587	8,551,022	213,009	14,906,436	14,414,005	29,533,450
24,357,936	24,941	30,210,507	1,256,400	47,270,879	56,681,420	105,208,699
139,391	164	202,258	8,496	644,632	380,740	1,033,868
2,141,858	1,746	3,371,694	318,552	7,493,530	8,116,435	15,928,517
1,899,876	2,064	2,750,940	111,301	4,076,488	4,999,225	9,187,014
565,089	561	813,533	19,235	2,040,637	1,512,264	3,672,136
15,107,182	13,100	18,890,121	1,870,932	24,099,473	39,550,662	65,621,067
11,182,029	9,913	13,666,884	1,041,587	30,877,136	24,959,837	56,878,560
2,768,237	2,219	3,610,476	299,957	11,091,344	7,789,625	19,180,926
4,195,305	4,238	5,093,009	372,473	15,330,348	9,316,484	25,019,305
175,654,618	164,737	228,018,323	10,731,057	459,664,221	418,263,665	888,658,943
123,326	164	159,699	9,479	240,348	389,390	639,217
202,490	219	321,507	13,525	242,727	602,967	859,219
1,901,288	1,802	2,364,958	77,694	1,821,648	3,006,917	4,906,259
12,307,088	11,975	16,476,657	572,080	41,169,182	32,759,600	74,500,862
5,162,129	4,939	6,194,292	295,790	10,420,131	9,548,831	20,264,752
454,891	455	591,640	29,231	685,504	839,707	1,554,442
1,823,957	1,260	1,669,640	72,746	2,047,593	2,648,068	4,768,407
1,118,532	916	1,300,643	77,856	3,378,943	2,084,040	5,540,839
5,795,338	3,675	8,015,671	161,454	2,800,884	12,842,983	15,805,321
161,798	170	205,302	16,199	233,037	332,689	581,925
1,486,967	1,321	1,790,747	122,790	4,177,925	3,382,758	7,683,473
22,631,312	19,217	28,213,893	974,661	34,719,631	42,546,833	78,241,125
764,333	772	979,331	35,790	1,921,770	1,419,482	2,377,042
4,903,648	3,696	6,976,588	124,807	8,656,438	12,328,808	21,110,053
4,281,360	7,692	11,726,912	585,804	35,260,304	28,448,857	64,294,965
3,885,942	4,015	5,049,206	221,087	6,959,966	8,340,548	15,521,601
15,556,777	14,012	19,628,779	994,475	47,501,520	31,424,769	79,920,764
20,869,556	19,376	30,219,639	735,824	29,038,267	48,873,014	78,647,105
20,279,097	21,462	39,846,308	1,037,902	24,578,088	78,689,074	104,305,064
50,404,646	44,967	101,364,636	46,202,000	223,448,338	258,164,578	527,814,916
489,998	379	617,601	17,523	708,228	1,176,462	1,902,213
2,243,023	2,015	3,269,745	405,703	11,577,563	10,801,868	22,785,134
55,467,772	49,352	63,811,260	2,394,138	156,107,527	129,408,392	287,910,057
753,173	522	1,054,167	21,695	185,294	1,614,885	1,821,874
6,905,902	5,161	7,905,365	366,192	12,829,353	15,672,104	28,867,679
798,674	1,819	902,392	26,887	792,543	1,163,909	1,983,339
1,678,275	1,776	2,051,709	72,755	2,498,066	3,024,910	5,595,731
2,712,919	1,992	3,341,275	371,539	16,342,637	7,518,568	24,232,744
278,661,211	224,121	366,049,562	56,037,626	679,343,455	749,055,011	1,484,436,122
20,038,264	13,866	25,475,108	1,162,059	32,852,259	29,224,224	63,238,542
16,439,820	11,405	24,459,085	787,180	6,708,468	28,715,258	36,210,906
34,564,742	21,647	43,968,772	1,969,064	135,556,183	55,914,441	193,439,688
21,752,193	15,348	27,808,618	1,659,068	43,519,483	48,250,348	93,428,899
965,872	707	1,217,162	74,132	1,725,538	1,886,704	3,686,374
7,376,037	5,042	9,974,544	511,512	9,791,684	16,407,706	26,710,902
8,872,880	6,091	12,825,390	639,503	18,896,434	20,586,758	40,122,695
26,806,656	16,925	31,381,935	2,346,480	27,446,850	52,484,740	82,278,070
21,248,984	15,868	27,259,296	1,320,846	22,823,598	48,915,105	73,059,549
10,517,799	7,825	13,027,604	611,497	13,098,796	22,269,456	35,979,749
7,644,343	6,101	10,461,361	1,115,823	11,978,947	15,274,720	28,369,490
35,877,153	27,003	50,246,824	1,845,981	50,760,795	93,031,472	145,638,248
7,142,138	5,458	9,694,842	383,174	6,343,877	13,725,661	20,452,712
43,102,538	24,196	50,515,897	13,032,123	68,468,433	71,582,060	153,082,616

10.—Statistics of the Establishments, Employees, Salaries and Wages, Power, Fuel,

Industry and Group	Establishments No.	Employees on Salary			Employees on	
		Male No.	Female No.	Salaries \$	Male No.	Female No.
Iron and its Products—concluded						
15 Railway rolling-stock.....	37	1,772	274	5,352,124	26,386	121
16 Sheet metal products.....	230	1,809	834	5,962,177	11,654	2,561
17 Shipbuilding and repairs.....	79	1,430	498	5,120,743	18,141	177
18 Wire and wire goods.....	97	737	375	2,769,133	4,368	660
Totals, Iron and its Products.....	2,358	26,922	11,247	95,171,196	199,762	11,347
6.—Non-Ferrous Metal Products -						
1 Aluminum products.....	53	623	256	2,086,855	3,584	397
2 Brass and copper products.....	162	1,160	596	4,572,900	7,151	1,345
3 Electrical apparatus and supplies.....	266	6,615	3,483	22,888,463	22,555	11,345
4 Jewellery, electro-plated ware, etc.....	172	580	401	2,448,754	3,628	2,082
5 Miscellaneous non-ferrous metal products.....	25	130	103	559,887	552	307
6 Non-ferrous metal smelting and refining.....	15	1,800	438	6,277,577	12,239	69
7 White metal alloys.....	47	389	208	1,361,843	2,045	772
Totals, Non-Ferrous Metal Products.....	740	11,297	5,485	40,196,275	51,751	16,317
7. Non-Metallic Mineral Products—						
1 Abrasive products.....	15	277	161	958,241	1,836	135
2 Asbestos products.....	12	141	49	418,797	665	110
3 Cement.....	8	97	8	246,992	1,400	19
4 Cement products.....	262	420	63	799,389	2,051	18
5 Clay products from domestic clay.....	119	138	41	355,133	2,987	271
6 Clay products from imported clay.....	32	139	71	450,709	1,222	481
7 Coke and gas products.....	34	822	374	2,499,013	3,764	1
8 Glass products.....	114	565	270	1,791,572	3,925	1,152
9 Gypsum products.....	10	78	15	243,997	772	40
10 Lime.....	41	49	11	132,431	850	8
11 Misc. non-metallic mineral products.....	59	199	82	672,369	1,011	163
12 Petroleum products.....	43	1,091	225	3,558,771	5,749	80
13 Salt.....	9	43	26	207,532	577	67
14 Sand-lime brick.....	5	10	1	34,842	118	5
15 Stone, monumental and ornamental.....	147	278	53	656,757	1,192	18
Totals, Non-Metallic Mineral Products.....	916	4,317	1,459	13,086,515	28,119	2,568
8. Chemicals and allied products—						
1 Acids, alkalis and salts.....	29	680	167	2,435,621	4,427	64
2 Adhesives.....	22	113	62	433,408	455	44
3 Coal tar distillation.....	11	64	22	207,022	315	9
4 Fertilizers.....	26	415	121	1,393,523	2,253	16
5 Gases, compressed.....	42	286	205	916,070	569	4
6 Inks, printing and writing.....	30	132	70	577,945	396	55
7 Medicinal and pharmaceutical preparations.....	201	1,410	1,192	6,412,822	2,314	2,754
8 Miscellaneous chemical products.....	184	664	305	2,298,107	2,364	996
9 Paints, pigments and varnishes.....	98	1,101	568	3,688,617	2,650	487
10 Plastics.....	78	355	175	1,177,487	1,654	1,035
11 Polishes and dressings.....	48	149	125	562,086	247	205
12 Soaps, washing compounds, etc.....	150	739	396	2,608,182	1,608	476
13 Toilet preparations.....	91	257	315	1,337,028	468	955
14 Wood distillation.....	4	8	5	24,815	157	—
Totals, Chemicals and Allied Products.....	1,017	6,373	3,728	24,072,736	20,077	7,100
9.—Miscellaneous Industries—						
1 Artificial flowers and feathers.....	35	55	44	224,878	141	509
2 Automobile accessories, fabric.....	9	73	39	298,917	240	230
3 Brooms, brushes and mops.....	88	312	194	1,008,819	1,316	750
4 Buttons.....	18	104	35	406,891	482	365
5 Candles.....	12	41	31	175,700	94	91
6 Fountain pens and pencils.....	10	160	100	586,791	479	663
7 Ice, artificial.....	55	88	35	233,010	635	19
8 Lamps, electric, etc. and lamp shades.....	35	84	46	271,072	382	402
9 Mattresses and springs.....	77	336	148	1,466,708	2,418	583
10 Miscellaneous, including jewellery cases, etc.....	11	38	31	126,235	181	190
11 Musical instruments.....	25	103	49	316,582	798	68
12 Pipes, tobacco.....	6	9	1	11,771	37	5
13 Scientific and professional equipment.....	45	318	227	1,375,326	1,054	627
14 Signs, electric, neon and other.....	35	143	47	503,079	639	18
15 Sporting goods.....	41	164	70	462,769	665	425
16 Stamps and stencils, rubber and metal.....	45	112	49	346,870	351	64
17 Statuary, art goods and novelties.....	93	179	75	468,082	430	496
18 Toys and toy equipment.....	50	105	63	350,729	483	805
19 Typewriter supplies.....	8	68	32	284,942	151	83
20 Umbrellas.....	6	27	9	80,990	27	81
Totals, Miscellaneous Industries.....	764	2,519	1,375	9,980,156	11,093	6,171
Grand Totals, All Industries.....	31,249	127,002	54,004	410,875,776	662,699	214,451

Materials and Values of Products of Canadian Manufacturing Industries, 1946--contc.

Wages	Total Employees	Total Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Value of Products	
					Net	Gross
\$	No.	\$	\$	\$	\$	\$
52,403,721	28,553	57,815,845	3,567,097	83,937,365	74,655,059	162,159,521
21,612,106	16,858	27,574,283	1,419,454	62,991,981	51,288,120	115,699,555
35,854,988	20,246	40,975,731	1,400,316	25,915,348	64,535,796	91,851,460
8,361,553	6,140	11,130,686	893,986	12,528,160	26,711,743	40,133,889
389,641,787	249,279	475,812,983	34,739,295	635,341,199	735,459,371	1,405,542,865
3,532,824	4,860	8,959,446	834,431	17,113,209	15,627,841	33,575,481
51,622,016	10,252	18,425,724	1,198,680	39,983,930	30,874,312	72,056,922
8,058,551	43,998	74,510,479	2,664,453	101,939,272	129,968,926	234,572,653
1,154,852	6,691	10,507,305	244,177	22,873,016	18,411,485	41,528,678
24,370,784	1,092	1,714,739	47,722	2,396,691	4,165,528	6,609,941
4,238,281	14,546	30,048,361	22,287,572	212,865,030	69,565,922	304,718,524
119,169,899	3,414	5,600,124	430,560	15,851,099	9,847,248	26,128,907
3,941,207	84,853	150,366,178	27,707,597	413,922,247	278,461,262	719,191,106
1,112,005	2,409	4,929,448	2,106,326	8,425,629	14,912,438	25,444,396
2,682,028	965	1,531,702	238,650	2,953,823	3,216,643	6,409,116
2,995,954	1,524	2,929,020	4,487,496	4,806,467	12,930,058	21,724,021
4,730,829	2,552	8,705,343	502,229	5,719,815	7,753,355	13,975,396
2,419,834	3,437	5,115,902	2,865,552	278,125	0,563,690	12,207,367
6,849,200	1,913	2,870,543	440,771	1,674,391	4,958,209	7,073,371
7,486,788	4,961	9,348,213	6,274,170	34,709,159	21,599,146	62,582,475
1,054,726	5,921	9,278,360	1,863,561	10,583,240	15,158,454	27,005,255
1,484,498	905	1,298,693	412,031	4,076,812	4,266,247	8,755,090
1,904,577	918	1,616,839	1,955,428	4,566,613	4,910,127	7,322,168
11,290,370	1,455	2,576,946	617,074	7,371,299	7,775,756	15,764,129
711,034	7,145	14,849,141	10,159,025	155,818,744	57,447,611	223,425,380
201,724	713	918,566	597,112	993,304	2,890,423	4,480,839
1,986,541	134	236,566	47,651	211,920	392,210	651,781
50,762,125	1,541	2,643,298	293,538	2,906,528	5,863,829	9,063,895
5,338	36,493	63,848,640	32,360,617	240,485,869	173,638,196	416,484,682
674	5,338	11,158,999	6,431,503	14,650,883	26,219,014	97,301,400
410	674	1,223,032	222,384	3,749,579	2,812,350	6,784,313
2,805	410	740,619	341,482	3,116,167	2,052,078	5,509,727
1,064	2,805	5,929,796	3,232,099	22,865,328	23,895,016	49,092,443
653	1,064	1,961,493	314,524	1,258,423	6,735,081	8,308,028
7,670	653	1,330,097	59,062	2,770,760	3,414,826	6,244,648
4,329	7,670	12,832,173	440,585	23,163,222	43,446,027	67,049,834
3,096	4,329	7,275,425	709,963	17,844,679	19,623,418	38,178,066
5,019	3,096	8,847,406	466,512	28,733,401	27,529,707	56,729,620
3,219	5,019	4,964,045	317,770	8,465,878	12,456,492	21,240,140
1,995	726	1,096,194	39,851	5,258,115	4,260,364	9,558,330
211,490	3,219	6,213,581	645,786	19,268,952	18,360,080	38,274,818
37,378	1,995	2,720,367	53,492	7,622,735	12,440,886	20,117,113
66,538,532	170	236,305	65,459	540,228	394,103	999,790
13,319,471	37,378	66,538,532	13,319,471	159,398,350	293,629,412	376,288,261
867,783	749	827,817	10,269	867,783	1,440,324	2,318,376
1,337,302	582	895,954	24,563	1,337,302	1,528,597	2,890,762
7,332,183	2,572	3,475,859	111,796	7,332,183	6,286,134	13,730,113
1,757,419	986	1,468,667	59,309	1,757,419	2,480,099	4,296,827
804,526	257	351,736	20,536	804,526	873,921	1,698,983
4,223,043	1,462	1,963,245	36,836	4,223,043	5,696,637	9,956,516
1,278,934	777	1,278,934	320,274	147,996	3,542,191	4,010,461
1,137,804	914	1,137,804	26,467	2,129,128	2,137,497	4,293,092
5,949,548	3,485	5,949,548	211,053	14,979,041	12,027,749	27,217,843
533,639	4,400	533,639	14,104	618,186	812,196	1,444,486
1,471,668	1,018	1,471,668	69,826	1,095,670	2,158,867	3,324,362
63,625	52	63,625	1,880	37,987	79,093	118,870
4,070,084	2,226	4,070,084	145,030	5,979,164	8,260,375	14,384,569
1,616,145	847	1,616,145	80,523	338,754	2,785,255	3,704,538
1,668,542	1,324	1,668,542	56,203	2,315,917	2,477,094	4,849,211
933,801	576	933,801	19,204	493,215	1,563,289	2,075,708
1,409,335	1,180	1,409,335	25,134	1,334,889	2,063,783	3,428,800
1,736,996	1,456	1,736,996	56,817	2,224,510	3,327,996	5,609,323
620,274	334	620,274	18,432	1,442,410	1,261,401	2,722,243
170,844	144	170,844	1,662	428,407	437,441	867,510
31,641,518	21,381	31,641,518	1,309,921	50,387,530	61,245,149	112,942,690
1,658,156	1,658,156	1,658,156	210,452,753	1,435,241,465	3,467,694,980	8,925,692,171

Subsection 2.—Manufactures Classified on the Standard Classification Basis

During the war many government departments and agencies collected and compiled statistics needed by them in the administration of their respective fields. Inevitably each one adopted a system of classification best suited to his needs. The result was that many statistical series were compiled, but due to differences in classification, none of these series could be correlated or utilized for any purpose other than that originally intended.

In order to provide information of maximum usefulness and to allow for a direct comparison of the different series, an interdepartmental committee was set up to review the different systems of classification in use by the different departments and to recommend a standard classification which might in future be used by all government departments in their statistical compilations.

The table which follows gives a break-down for 1945 and 1946 of the manufacturing industries on the basis of the standard classification recommended by this committee. The new standard classification also conforms in large measure to the classification of industry being currently recommended by the United Nations Statistical Commission.

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945 and 1946, Classified on the Standard Classification Basis

Main Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1945						
Canada	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
Food and beverages	8,872	156,396	224,908,882	1,336,820,028	558,247,045	1,921,774,601
Tobacco and tobacco products	86	12,164	15,738,041	79,176,519	42,985,992	122,543,932
Rubber products	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
Leather products	706	34,123	43,268,635	95,036,015	71,297,713	167,888,463
Textile products (except clothing)	655	65,388	87,454,497	213,589,559	163,973,427	385,741,605
Clothing (textile and fur)	2,676	99,959	131,478,496	251,899,847	222,307,384	476,754,319
Wood products	7,656	93,209	119,833,932	240,482,275	208,979,657	454,447,165
Paper products	475	60,819	109,627,174	255,265,326	241,121,150	536,859,861
Printing, publishing and allied trades	2,312	43,565	74,257,775	52,655,848	132,385,988	186,945,134
Iron and steel products	1,903	169,278	313,966,173	395,624,098	527,473,688	952,482,150
Transportation equipment	504	154,544	326,748,794	498,241,686	523,910,119	1,034,666,913
Non-ferrous metal products	436	44,221	81,889,942	337,872,041	180,653,076	548,853,026
Electrical apparatus and supplies	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
Non-metallic mineral products	700	20,269	32,959,877	41,488,955	76,318,456	130,704,796
Products of petroleum and coal	80	11,532	22,904,418	188,899,911	65,637,131	270,166,984
Chemical products	986	61,339	107,050,824	228,855,956	252,944,165	498,630,798
Miscellaneous manufacturing industries	701	24,647	38,105,717	87,248,861	61,324,784	149,964,019
1946						
Canada	31,249	1,058,156	1,740,687,254	4,358,231,766	3,467,004,980	8,035,692,471
Food and beverages	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
Tobacco and tobacco products	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Rubber products	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Leather products	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
Textile products (except clothing)	711	66,784	94,741,779	214,516,314	177,323,833	400,075,422
Clothing (textile and fur)	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
Wood products	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,251
Paper products	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534

MANUFACTURES CLASSIFIED ON STANDARD CLASSIFICATION BASIS 27

Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946, Classified on the Standard Classification Basis—continued

Group and Industry	Establishments	Employees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1946						
Canada—concluded						
Printing, publishing and allied trades.....	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
Iron and steel products.....	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
Transportation equipment.....	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
Non-ferrous metal products.....	474	40,855	75,855,699	311,082,975	148,492,336	484,618,453
Electrical apparatus and supplies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Non-metallic mineral products.....	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
Products of petroleum and coal.....	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
Miscellaneous manufacturing industries.....	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
	715	21,149	31,158,253	49,954,677	60,247,499	111,497,798
1946 D. TAIL						
Food and Beverages	8,862	160,821	241,769,865	1,408,818,069	604,120,647	2,040,708,650
Meat Products	229	23,283	41,390,200	412,917,033	67,164,333	483,289,113
Animal oils and fats.....	8	148	282,372	639,978	467,612	1,179,080
Sausage and sausage casings.....	74	599	794,803	4,243,599	1,827,882	6,156,879
Slaughtering and meat-packing.....	147	22,536	40,313,025	408,033,456	64,868,839	475,953,154
Dairy Products	2,300	22,679	33,213,903	218,284,499	68,101,014	291,799,884
Butter and cheese.....	2,161	19,659	28,668,241	177,638,517	52,761,041	234,664,461
Cheese, processed.....	23	882	1,282,349	11,666,968	4,435,512	16,167,878
Condensed milk.....	31	1,406	2,287,444	26,082,614	8,620,642	35,641,045
Other dairy products.....	85	672	975,869	2,896,400	2,283,819	5,326,500
Fruit, Vegetable and Fish Processing	1,099	27,700	32,968,587	151,446,974	81,765,125	236,205,429
Fish curing and packing.....	586	11,327	13,799,809	68,012,828	31,084,775	106,201,291
Fruit and vegetable preparations.....	513	16,373	19,168,778	83,434,146	50,680,350	136,004,138
Cereal Mill Products	1,232	13,163	21,368,796	300,418,451	55,585,383	359,208,850
Flour and feed mills.....	974	8,036	12,898,160	224,233,698	34,191,283	260,659,451
Foods, breakfast.....	23	1,156	2,062,310	7,535,527	7,186,162	14,955,222
Feeds, stock and poultry.....	235	3,971	6,408,326	68,649,226	14,207,938	83,594,177
Bakery Products	2,901	35,514	49,196,458	86,047,664	91,295,361	182,278,989
Biscuits and crackers.....	37	5,061	6,209,257	15,161,125	18,314,617	33,916,461
Bread and other bakery products.....	2,864	30,453	42,987,201	70,886,539	72,980,744	148,362,528
Beverages	564	18,586	31,411,663	64,942,116	161,427,823	230,280,015
Aerated and mineral waters.....	456	5,040	8,150,758	14,872,546	27,332,922	43,048,680
Distilleries.....	18	4,075	7,122,533	21,437,733	44,326,434	67,119,358
Breweries.....	61	8,644	17,743,749	23,416,499	84,270,490	109,299,587
Wine.....	29	827	1,424,623	5,215,338	5,497,977	10,812,390
Miscellaneous Foods	537	19,896	29,190,258	174,761,332	78,781,608	257,646,370
Confectionery, cocoa, etc.....	200	7,982	10,442,233	28,821,548	23,666,628	52,797,998
Sugar refineries.....	11	2,633	5,010,789	45,900,913	13,748,222	61,181,621
Malt mills.....	11	563	1,145,047	9,500,127	5,534,724	15,665,698
Macaroni, vermicelli, etc.....	17	726	1,018,802	2,888,739	2,252,412	5,246,935
Starch and glucose.....	10	1,027	1,649,708	6,943,428	3,015,462	10,478,106
Miscellaneous food industries.....	286	6,893	9,758,181	78,782,164	30,670,894	110,051,938
Salt (See Non-metallic minerals).....						
All other industries.....	2	72	164,598	1,924,413	293,266	2,224,074
Tobacco and Tobacco Products	95	10,849	14,410,558	79,255,405	39,981,625	119,634,216
Tobacco, cigars and cigarettes.....	78	9,532	12,711,360	45,455,773	36,048,133	81,799,967
Tobacco processing.....	17	1,817	1,699,198	33,799,632	3,933,492	37,834,249
Rubber Products	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Rubber goods including footwear.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
Leather Products	776	37,290	49,712,628	108,702,945	82,319,495	192,749,456
Boots and shoes, leather.....	294	22,334	29,023,596	52,340,814	43,612,607	96,435,251
Boots and shoe findings, leather.....	25	718	1,063,766	1,520,992	1,733,628	3,380,936

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946
Classified on the Standard Classification Basis—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Leather Products—concluded						
Gloves and mittens, leather...	84	3,067	3,186,335	5,711,362	5,012,720	10,767,299
Belting, leather.....	15	254	405,931	1,173,094	730,580	1,919,439
Leather tanneries.....	78	5,400	9,224,329	35,658,320	20,401,700	56,098,751
Miscellaneous leather goods...	280	5,517	6,808,671	12,293,363	10,828,251	23,247,781
Textile Products (except clothing)	711	66,784	91,741,779	214,516,314	177,323,833	460,075,422
Cotton Goods.....	198	24,908	31,633,406	82,283,184	55,330,145	119,822,001
Cotton thread.....	7	927	1,144,283	3,460,996	2,405,268	5,942,577
Cotton yarn and cloth.....	41	20,602	20,090,343	62,495,630	44,473,067	109,828,459
Cotton batting and wadding.....	6	348	616,475	2,210,547	1,280,979	3,547,875
Cotton and wool waste.....	28	443	716,935	4,524,851	1,410,669	5,997,341
Cotton goods, not elsewhere spec.....	116	2,528	3,085,370	9,591,190	5,869,162	15,505,758
Woolen Goods.....	208	17,620	24,418,713	60,339,328	45,162,250	
Woolen cloth.....	100	9,913	13,669,884	30,877,135	24,959,837	
Woolen yarn.....	55	4,238	5,093,099	15,330,348	9,316,484	
Woolen goods, not else- where spec.....	35	2,219	3,610,476	11,091,344	7,789,625	19,180,423
Carpets, mats and rugs.....	20	1,250	2,048,379	2,940,500	3,396,304	6,460,162
Silk and Artificial Silk.....	36	13,103	18,890,121	24,099,473	39,559,665	63,521,067
Silk and artificial silk goods.....	36	13,103	18,890,121	24,099,473	39,559,662	63,521,067
Other Primary Textiles.....	86	4,252	6,169,329	5,867,162	11,785,197	18,394,258
Dyeing and finishing of textiles.....	41	2,188	3,409,385	1,790,674	6,785,072	9,207,211
Narrow fabrics.....	39	2,064	2,750,940	4,076,488	4,999,225	9,187,046
Miscellaneous Textile Prod- ucts.....	189	6,991	10,679,175	42,027,167	25,095,579	67,798,810
Awnings, tents and sails.....	90	1,364	1,868,902	3,894,588	3,246,348	7,090,385
Cordage, rope and twine.....	10	1,740	2,669,236	8,058,127	5,641,042	13,869,880
Cotton and jute bags.....	31	1,413	1,942,875	22,026,290	6,043,937	28,141,481
Flax fibre.....	36	477	564,212	—	1,677,076	1,734,706
Linen goods.....	6	164	202,268	644,632	380,740	1,033,568
Miscellaneous textiles.....	16	1,746	3,371,694	7,493,530	8,116,435	15,928,517
Clothing (Textile and Fur)...	2,988	105,868	146,265,152	285,568,957	263,018,398	551,331,576
Men's, Women's & Child- ren's Clothing.....	1,884	63,391	89,771,533	174,735,283	169,286,107	335,981,019
Clothing, men's factory.....	537	27,822	38,114,832	83,033,566	69,220,286	152,706,071
Clothing, women's factory.....	1,108	29,563	44,985,178	91,138,141	82,818,768	174,358,223
Clothing contractors, men's clothing contractors, men's women's.....	139	3,906	4,662,498	392,652	5,595,226	6,073,980
100	1,700	2,012,027	170,924	2,651,827	2,849,836	
Knitted Goods.....	247	24,941	30,210,507	47,270,879	56,681,426	105,208,690
Miscellaneous Clothing.....	851	17,536	26,289,116	63,562,795	46,050,871	110,141,858
Fur goods.....	593	6,264	10,512,674	39,394,072	18,195,296	57,567,516
Fur dressing and dyeing.....	24	1,651	2,475,934	1,020,978	3,883,270	5,010,539
Hats and caps.....	171	5,587	8,551,032	14,906,436	14,414,005	20,533,450
Oiled and waterproofed clothing.....	15	561	813,533	2,040,637	1,512,264	3,572,136
Gloves and mittens, fabric.....	15	646	637,880	1,082,983	1,076,787	2,172,631
Wood Products.....	8,846	105,472	142,338,538	297,923,979	256,436,946	560,341,255
Saw and Planing Mills.....	7,162	69,849	95,128,131	226,616,155	188,088,385	403,601,973
Flooring, hardwood.....	22	1,321	1,790,747	4,177,925	3,382,758	7,683,473
Veneer and plywood.....	34	5,161	7,905,365	12,829,383	15,072,104	28,867,679
Planing mills, sash and door factories.....	1,078	14,012	19,628,779	47,501,520	31,424,769	79,926,764
Sawmills.....	6,001	49,352	63,811,260	156,107,527	129,408,392	287,910,057
Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,495
Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,495

MANUFACTURES CLASSIFIED ON STANDARD CLASSIFICATION BASIS

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946, Classified on the Standard Classification Basis—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
Wood Products—concluded	No.	No.	\$	\$	\$	\$
Miscellaneous wood products	887	16,409	20,988,494	42,587,993	34,002,090	77,718,153
Boxes and baskets, wooden	188	4,936	6,194,292	10,429,131	9,548,831	20,264,752
Coffins and caskets	53	1,260	1,669,640	2,047,593	2,648,068	4,768,407
Beekeepers' and poultry- men's supplies	12	164	159,696	240,348	389,390	639,217
Excelsior	9	170	205,302	233,037	332,689	581,925
Lasts, trees and other wood- en shoe findings	19	772	979,331	921,770	1,419,482	2,377,042
Cooperage	66	916	1,300,643	3,378,943	2,084,040	5,540,839
Refrigerators, non-electric	14	379	617,601	708,228	1,176,462	1,902,213
Woodenware	29	819	902,392	792,543	1,163,909	1,983,339
Wood turning	85	1,776	2,051,709	2,498,066	3,024,910	5,595,731
Misc. wood products incl. charcoal and wood preser- vation	412	5,214	6,907,885	21,347,334	12,214,309	34,064,688
Paper Products	486	67,442	134,320,546	313,410,656	333,819,710	695,085,534
Boxes and bags, paper	160	11,975	16,476,657	41,169,182	32,759,600	74,500,862
Pulp and paper	113	44,967	101,364,636	223,448,338	258,164,578	527,814,916
Roofing paper, wallboard, etc.	21	2,015	3,269,745	11,577,563	10,801,868	22,785,134
Miscellaneous paper prod- ucts, incl. wall paper	192	8,485	13,209,508	37,215,573	32,093,664	69,984,622
Printing, Publishing and Allied Trades	2,404	48,950	86,433,880	65,501,698	154,951,731	222,548,636
Printing and bookbinding	1,406	19,376	30,219,639	29,038,267	48,873,014	78,647,105
Blue printing	25	219	321,507	242,727	602,967	859,219
Trade composition	39	522	1,054,167	185,294	1,614,885	1,821,874
Printing and publishing	775	21,462	39,846,308	24,578,088	78,689,074	104,305,064
Engraving stereotyping and electrotyping	111	3,675	8,015,671	2,800,884	12,842,983	15,805,321
Lithographing	48	3,696	6,976,588	8,656,438	12,328,808	21,110,053
Iron and Steel Products	2,086	151,373	279,567,770	337,981,814	461,501,765	824,766,017
Agricultural implements	51	13,866	25,475,108	32,852,259	29,224,224	63,238,542
Boilers and plate work	44	5,042	9,974,544	9,791,684	16,407,766	26,710,902
Bridge and other structural shapes	25	6,091	12,825,390	18,896,434	20,586,758	40,122,695
Hardware tools and cutlery	276	15,868	27,259,296	22,823,598	48,915,105	73,059,549
Heating and cooking apparatus	97	7,825	13,027,604	13,098,796	22,269,456	35,979,749
Machinery	299	27,003	50,246,824	50,760,705	93,031,472	145,638,248
Castings, iron	219	16,925	31,881,935	27,446,850	52,484,740	82,278,070
Machine shops	460	5,458	9,694,842	6,343,877	13,725,661	20,452,712
Primary iron and steel	59	24,196	50,515,897	68,408,433	71,582,060	153,082,616
Sheet metal products	230	16,858	27,574,283	62,991,981	51,288,120	115,099,555
Wire and wire goods	97	6,140	11,130,686	12,528,160	26,711,743	40,133,889
Miscellaneous iron products	229	6,101	10,461,361	11,978,947	15,274,720	28,369,490
Transportation Equipment	539	100,745	200,097,765	301,206,839	279,333,127	590,128,311
Aircraft	10	11,405	24,459,085	6,708,468	28,715,256	36,210,906
Bicycles	7	707	1,217,162	1,216,538	1,886,704	3,686,734
Boats and canoes	196	1,802	2,364,956	1,821,648	3,006,917	4,906,259
Automobiles	9	21,647	43,968,772	135,556,183	55,914,441	193,439,688
Automobile parts and acces- sories	124	15,348	27,808,618	43,519,483	48,250,348	93,428,899
Railway rolling-stock	37	28,152	57,815,845	82,937,365	74,655,959	162,159,521
Shipbuilding and repairs	79	20,246	40,975,731	25,915,348	64,585,796	91,851,460
Carriages, wagons and sleighs	62	455	591,640	685,504	839,707	1,554,442
Automobile accessories, fabric	9	582	895,954	1,337,302	1,528,897	2,890,762
Non-Ferrous Metal Products	174	10,855	75,855,699	311,082,975	118,492,336	484,618,453
Aluminum products	53	4,860	8,959,446	17,113,209	15,627,841	33,575,481
Brass and copper products	162	10,252	18,425,724	39,983,930	30,874,312	72,056,922
Jewellery, electro-plated ware, etc.	172	6,691	10,507,305	22,873,016	18,411,485	41,528,678
Non-ferrous metal smelting and refining	15	14,549	30,648,361	212,865,030	69,595,922	304,718,524
White metal alloys	47	3,414	5,600,124	15,851,099	9,847,248	26,128,907
Miscellaneous non-ferrous metal products	25	1,092	1,714,739	2,396,691	4,165,528	6,609,941

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946, Classified on the Standard Classification Basis—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Electrical Apparatus and Supplies	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Electrical apparatus and sup- plies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
Non-Metallic Mineral Prod- ucts	833	24,387	39,651,286	49,957,966	94,591,439	160,476,827
Abrasive products.....	15	2,409	4,929,448	8,425,629	14,912,438	25,444,396
Asbestos products.....	12	965	1,531,702	2,953,823	3,216,643	6,469,116
Cement.....	8	1,524	2,929,020	4,306,467	12,930,058	21,724,021
Cement products.....	262	2,552	3,705,343	5,719,815	7,753,355	13,975,399
Clay products:—						
Clay products, domestic...	119	3,437	5,115,962	278,125	9,563,690	12,207,367
Clay products, imported...	32	1,913	2,870,543	1,674,391	4,958,209	7,073,371
Sand-lime brick.....	5	134	236,566	211,920	392,210	651,781
Glass products.....	114	5,921	9,278,360	10,583,240	15,158,454	27,605,255
Gypsum products.....	10	905	1,298,693	4,076,812	4,266,247	8,755,090
Lime.....	41	918	1,616,839	456,613	4,910,127	7,322,168
Salt.....	9	713	918,566	993,304	2,890,423	4,480,839
Stone, monumental and orna- mental.....	147	1,541	2,643,298	2,906,528	5,863,829	9,063,895
Misc. non-metallic mineral products.....	59	1,455	2,576,946	7,371,299	7,775,756	15,764,129
Products of Petroleum and Coal	77	12,106	24,197,354	190,527,903	79,046,757	286,007,855
Coke and gas products.....	34	4,961	9,348,213	34,709,159	27,599,146	62,582,475
Petroleum products.....	43	7,145	14,849,141	155,818,744	57,447,611	223,425,380
Chemical Products	1,031	38,012	67,842,339	179,749,719	208,399,498	401,741,703
Acids, alkalis and salts.....	29	5,338	11,158,999	14,650,883	26,219,014	47,301,400
Fertilizers.....	29	2,805	5,929,796	22,865,328	23,895,016	49,992,443
Medicinal and pharmaceutical preps.....	201	7,670	12,832,173	23,163,222	43,446,027	67,049,834
Paints, pigments and varnishes.....	98	5,006	8,547,406	28,733,401	27,529,707	56,729,620
Plastics, primary.....	78	3,219	4,964,045	8,465,878	12,456,492	21,240,140
Soaps, washing compounds, etc.....	150	3,219	6,213,581	19,268,952	18,360,080	38,274,818
Toilet preparations.....	91	1,995	2,729,367	7,622,735	12,440,886	20,117,113
Vegetable oil mills.....	14	734	1,303,807	20,441,369	4,760,056	25,453,439
Miscellaneous chemicals:—						
Inks, printing and writing...	30	653	1,330,097	2,770,760	3,414,826	6,244,648
Adhesives.....	22	674	1,223,032	3,749,579	2,812,530	6,784,313
Polishes and dressings.....	48	726	1,096,194	5,258,115	4,260,364	9,558,330
Coal tar distillation.....	11	410	740,619	3,116,167	2,052,078	5,509,727
Gases, compressed.....	42	1,064	1,981,493	1,258,423	6,735,081	8,308,628
Wood distillation.....	4	170	236,305	540,228	394,103	999,790
Miscellaneous chemicals...	184	4,329	7,275,425	17,844,679	19,623,418	38,178,060
Miscellaneous Manufacturing Industries	715	21,149	31,158,253	49,954,677	60,247,499	111,497,798
Brooms, brushes and mops...	88	2,672	3,475,859	7,332,183	6,286,134	13,730,113
Mattresses and springs.....	77	3,485	6,949,548	14,979,041	12,027,749	27,217,843
Musical instruments.....	25	1,018	1,471,668	1,095,670	2,158,867	3,324,363
Fountain pens and pencils...	10	1,462	1,963,245	4,223,043	5,696,637	9,956,516
Scientific and professional equipment.....	45	2,226	4,070,084	5,979,164	8,260,375	14,384,569
Sporting goods.....	41	1,324	1,668,542	2,315,917	2,477,094	4,849,211
Toys and games.....	50	1,456	1,736,996	2,224,510	3,327,996	5,609,323
Typewriter supplies.....	8	334	620,274	1,442,410	1,261,401	2,722,243
Miscellaneous industries:—						
Statuary, art goods and novelties.....	93	1,180	1,409,335	1,334,889	2,068,783	3,428,806
Lamps, electric and lamp shades.....	35	914	1,137,804	2,129,128	2,137,497	4,293,092
Artificial flowers and feathers.....	35	749	827,817	867,783	1,440,324	2,318,376
Signs, electric, neon and other.....	35	847	1,616,145	838,754	2,785,255	3,704,538
Hair goods, animal and human.....	20	350	412,689	904,449	531,247	1,445,960
Umbrellas.....	6	144	170,844	428,407	437,441	867,510
Tobacco pipes.....	6	52	60,626	37,987	79,003	118,870
Buttons.....	18	986	1,468,667	1,757,419	2,480,099	4,296,827

11.—Principal Statistics of the Manufacturing Industries of Canada, 1945, and 1946, Classified on the Standard Classification Basis—concluded

Group and Industry	Establishments	Employees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
Miscellaneous Manufacturing Industries—concluded						
Miscellaneous industries—concluded						
Stamps and stencils, rubber and metal.....	45	576	933,801	493,215	1,563,289	2,075,708
Miscellaneous, including jewellery cases, etc.....	11	440	533,639	618,186	812,196	1,444,486
Ice, artificial.....	55	777	1,278,934	147,996	3,542,191	4,010,461
Candles.....	12	257	351,736	804,526	873,921	1,698,983
Totals, All Industries.....	31,219	1,058,156	1,740,687,254	1,358,234,766	3,467,004,980	8,035,692,471

Subsection 3. —Manufactures Classified by the Purpose of the Products

Significant changes have occurred since 1922 in the importance of the various groups shown in the purpose classification. On the basis of the percentage of gross value of production, the most striking change is in the food group which showed a substantial decline from 28.2 p.c. of the total in 1922 to 22.6 p.c. in 1939, 20.8 p.c. in 1945 and back to 22.6 p.c. in 1946. The producer materials group, which took the lead from the food group in 1923, showed a steady increase up to 1939, since when it has remained at about 30 p.c. of the total. Due to the production of war equipment, vehicles and vessels increased from 7.7 p.c. in 1939 to 13.1 p.c. in 1945 and dropped again to 8.1 p.c. in 1946. Industrial equipment rose from 15.2 p.c. to 16.3 p.c. The other groups with the exception of "miscellaneous" showed slight declines during the war years.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-46 and in Detail for 1946.

Year and Purpose Heading	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1922						
Food.....	8,256	343,867,673	66,815	67,738,707	490,731,438	673,794,031
Drink and tobacco.....	496	104,047,461	13,402	13,777,986	33,027,203	99,529,519
Clothing.....	659	166,336,349	63,441	59,056,687	117,015,780	221,903,467
Personal utilities.....	936	56,076,262	16,904	17,080,049	21,879,031	57,258,476
House furnishings.....	600	75,168,053	18,032	19,861,883	24,956,960	62,961,050
Books and stationery.....	1,557	82,240,691	28,103	36,920,804	27,190,071	99,118,969
Vehicles and vessels.....	1,154	191,257,804	30,967	37,237,412	87,840,814	160,624,079
Producers' materials.....	5,588	1,086,692,015	143,354	147,581,011	316,400,400	666,241,271
Industrial equipment.....	1,740	559,862,578	75,269	89,081,303	160,035,399	338,882,958
Miscellaneous.....	30	4,960,434	869	1,061,388	2,964,354	4,916,418
Totals, 1922.....	21,016	2,667,493,290	456,256	489,397,230	1,282,041,450¹	2,385,230,538¹

¹For the year 1922 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years 1922-45 and in Detail for 1946.—continued

Year and Purpose Heading	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1929						
Food.....	8,351	463,984,558	94,707	87,960,036	597,396,238	837,986,384
Drink and tobacco.....	599	201,365,785	18,976	21,670,376	65,440,05	208,968,998
Clothing.....	1,680	223,376,104	93,935	88,914,842	172,726,557	336,452,685
Personal utilities.....	380	56,155,234	11,148	13,595,331	29,389,241	61,191,750
House furnishings.....	600	76,185,921	20,857	23,248,775	34,293,465	77,811,331
Books and stationery.....	1,917	144,222,275	38,141	56,093,183	45,384,362	155,947,960
Vehicles and vessels.....	781	310,942,038	61,835	91,239,185	243,258,350	407,947,648
Producers' materials.....	6,227	1,776,758,115	223,071	258,255,071	524,193,104	1,154,908,260
Industrial equipment.....	1,576	719,112,914	99,922	131,820,142	304,581,449	614,827,756
Miscellaneous.....	105	32,789,065	3,939	4,584,261	13,037,982	27,493,344
Totals, 1929.....	22,216	4,004,892,095	666,531	777,291,211	2,029,670,813	3,883,446,116
1933						
Food.....	8,759	408,995,496	75,434	68,652,798	313,760,942	492,729,174
Drink and tobacco.....	670	185,612,678	18,289	17,626,141	40,454,300	98,409,638
Clothing.....	1,922	143,382,092	75,363	56,001,234	103,209,050	194,627,734
Personal utilities.....	601	39,681,900	8,938	8,616,372	15,323,848	35,589,961
House furnishings.....	654	66,047,002	15,587	12,887,200	16,022,584	38,684,649
Books and stationery.....	2,170	132,507,101	34,306	42,830,661	28,818,380	103,477,707
Vehicles and vessels.....	479	232,153,543	37,618	35,725,625	56,917,292	120,992,781
Producers' materials.....	6,504	1,459,569,284	139,734	126,208,238	252,383,314	573,991,467
Industrial equipment.....	1,819	588,147,285	60,061	64,155,426	133,382,392	277,075,032
Miscellaneous.....	142	23,163,454	3,334	3,544,129	7,516,826	18,497,642
Totals, 1933.....	23,780	3,279,259,835	468,658	436,247,824	967,788,928	1,954,075,785
1937						
Food.....	8,696	441,611,585	96,740	94,656,930	558,118,480	792,271,852
Drink and tobacco.....	668	187,487,631	21,646	24,398,981	68,935,399	152,152,105
Clothing.....	2,158	173,474,299	95,274	79,547,935	148,901,374	271,690,917
Personal utilities.....	654	43,476,516	12,420	12,720,626	28,185,411	55,289,473
House furnishings.....	800	89,293,123	27,440	27,169,931	41,836,387	90,102,397
Books and stationery.....	2,349	137,392,420	40,348	55,453,842	44,257,314	138,673,644
Vehicles and vessels.....	376	248,949,257	55,141	71,890,706	156,070,917	319,280,534
Producers' materials.....	6,892	1,482,194,043	208,930	232,733,013	634,232,482	1,221,670,588
Industrial equipment.....	2,086	629,908,231	97,250	119,070,287	280,546,886	551,891,976
Miscellaneous.....	175	31,440,726	5,256	6,075,786	15,842,137	32,436,014
Totals, 1937.....	24,834	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
1939						
Food.....	8,529	451,298,489	99,983	101,904,518	526,619,353	784,072,722
Drink and tobacco.....	657	190,313,279	23,489	27,051,038	74,295,571	164,812,439
Clothing.....	2,178	187,495,826	97,220	83,762,588	146,201,614	275,567,762
Personal utilities.....	623	46,866,657	12,623	13,771,704	26,408,179	57,043,684
House furnishings.....	767	93,773,837	27,647	28,417,336	40,528,394	88,800,804
Books and stationery.....	2,452	143,293,147	41,804	56,466,921	47,916,777	144,288,052
Vehicles and vessels.....	364	269,734,181	54,673	72,238,590	141,704,269	266,089,493
Producers' materials.....	7,095	1,580,602,852	201,849	229,381,185	559,816,486	1,130,510,177
Industrial equipment.....	1,957	650,305,878	93,235	117,754,260	257,416,596	528,678,421
Miscellaneous.....	183	33,340,303	5,591	7,063,013	15,252,136	34,919,974
Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
1943						
Food.....	8,421	592,585,732	123,531	159,966,391	1,094,856,728	1,464,737,993
Drink and tobacco.....	647	242,927,173	28,044	40,435,534	99,602,633	238,506,471
Clothing.....	2,592	244,217,485	119,715	141,914,240	292,357,250	523,992,505
Personal utilities.....	730	68,356,782	18,059	24,516,425	50,345,687	104,512,562
House furnishings.....	881	121,791,799	38,472	54,067,442	80,661,310	178,461,622
Books and stationery.....	2,476	159,733,494	45,647	71,581,405	72,022,230	204,779,758
Vehicles and vessels.....	385	816,203,889	217,970	425,756,663	587,491,411	1,272,121,963
Producers' materials.....	8,554	2,503,815,480	361,570	582,769,064	1,449,892,832	2,748,227,087
Industrial equipment.....	2,724	1,051,234,389	223,783	387,609,582	707,744,312	1,492,541,620
Miscellaneous.....	242	516,300,504	64,277	98,675,638	255,518,686	505,049,448
Totals, 1943.....	27,652	6,317,166,727	1,241,068	1,987,292,384	4,690,493,083	8,732,860,999

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-46 and in Detail for 1946.—continued

Year and Purpose Heading	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
1944	No.	No.	\$	\$	\$	\$
Food.....	8,435	136,747	183,795,031	1,271,356,037	408,862,849	1,702,330,839
Drink and tobacco.....	635	28,566	44,140,376	118,406,602	159,387,626	281,731,695
Clothing.....	2,713	117,056	146,623,855	284,018,437	242,324,720	529,230,834
Personal utilities.....	758	18,922	26,130,683	54,417,448	59,949,718	115,502,040
House furnishings.....	908	38,940	58,426,100	83,231,172	100,932,323	187,175,054
Books and stationery.....	2,468	47,319	76,542,070	75,882,848	141,795,037	219,966,613
Vehicles and vessels.....	413	222,604	454,449,952	637,341,589	771,461,866	1,425,858,778
Producers' materials.....	8,990	343,035	567,699,762	1,369,160,212	1,142,646,292	2,646,303,770
Industrial equipment.....	2,889	216,279	385,434,071	697,897,961	781,329,304	1,512,623,216
Miscellaneous.....	274	53,414	86,379,470	240,621,050	207,086,275	452,969,680
Totals, 1944.....	28,483	1,222,882	2,029,621,370	4,832,333,356	4,015,776,010	9,073,692,519
1945						
Food.....	8,310	138,798	193,248,422	1,275,251,323	421,151,585	1,719,329,106
Drink and tobacco.....	648	29,762	47,398,501	140,745,224	180,081,452	324,989,427
Clothing.....	3,046	123,681	159,792,122	303,595,189	266,681,013	573,291,033
Personal utilities.....	780	20,998	29,266,421	61,739,904	66,176,283	129,130,335
House furnishings.....	1,102	41,204	61,922,534	90,428,186	102,341,665	195,859,702
Books and stationery.....	2,502	51,276	85,425,837	84,949,518	156,991,699	244,398,179
Vehicles and vessels.....	442	180,321	331,825,962	507,145,106	562,302,572	1,084,076,890
Producers' materials.....	8,941	320,974	529,821,323	1,258,478,355	1,046,626,043	2,428,836,658
Industrial equipment.....	2,996	199,851	351,884,793	653,419,689	662,460,315	1,348,434,924
Miscellaneous.....	283	32,507	55,184,234	97,916,353	99,503,272	202,022,612
Totals, 1945.....	29,050	1,119,372	1,845,773,449	4,473,668,847	3,564,315,899	8,250,368,866
1946						
Food.....	8,307	142,948	208,246,768	1,344,869,257	445,583,247	1,814,909,474
Drink and tobacco.....	659	29,435	48,852,221	144,197,521	201,409,448	349,914,231
Clothing.....	3,401	132,018	179,302,900	344,488,916	313,084,058	660,852,502
Personal utilities.....	831	22,878	33,330,845	72,388,600	74,217,740	147,894,182
House furnishings.....	1,380	46,552	72,474,444	113,497,880	124,634,329	241,541,217
Books and stationery.....	2,591	56,642	98,160,792	100,762,002	183,400,588	286,843,601
Vehicles and vessels.....	466	106,870	209,206,556	318,485,632	323,005,130	653,216,763
Producers' materials.....	10,148	320,766	541,037,792	1,260,493,056	1,121,849,111	2,508,083,992
Industrial equipment.....	3,224	216,881	388,887,748	724,987,928	849,538,167	1,306,685,056
Miscellaneous.....	242	8,183	13,409,188	34,313,964	30,282,862	65,751,453
Totals, 1946.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1946—Detail						
Food.....	8,307	142,948	208,246,768	1,344,869,257	445,583,247	1,814,909,474
Breadstuffs.....	4,128	54,649	76,628,508	360,951,716	164,019,836	533,828,367
Fish.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
Fruit and vegetable prepara- tions.....	513	16,373	19,168,778	83,434,146	50,680,350	100,064,138
Meats.....	221	23,135	41,107,828	412,277,055	66,696,721	482,110,033
Milk products.....	4,300	22,776	35,272,000	235,284,190	88,101,044	201,799,884
Oils and fats.....	8	148	282,372	639,978	467,612	1,179,080
Sugar.....	11	2,633	5,010,789	45,900,913	13,748,222	61,181,621
Miscellaneous.....	540	12,604	18,734,781	155,308,122	50,784,717	208,605,060
Drink and Tobacco.....	659	29,435	48,852,221	144,197,521	201,409,448	349,914,231
Beverages, alcoholic.....	79	1,770	15,000,000	41,854,232	28,396,024	176,418,745
Beverages, non-alcoholic.....	185	3,007	4,788,000	20,087,884	32,883,896	55,861,779
Tobacco.....	35	6,658	14,134,221	79,255,405	39,981,625	119,634,249
Clothing.....	3,401	132,018	179,302,900	344,488,916	313,084,058	660,852,502
Boots and shoes, leather.....	294	22,364	29,020,390	52,340,814	43,612,607	90,436,231
Fur goods.....	617	7,915	12,988,608	40,421,050	22,078,566	62,748,055
Garments and personal fur- nishings.....	1,923	66,218	93,063,602	179,846,975	167,255,356	348,096,605
Gloves and mittens.....	99	3,713	3,824,210	6,791,312	6,089,519	12,539,960
Hats and caps.....	206	6,336	9,378,839	15,774,219	15,854,329	31,851,826
Knitted goods.....	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
Waterproofs.....	15	391	813,744	2,640,937	1,512,264	3,572,136

12.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Purpose of the Principal Product, by Main Groups, Significant Years, 1922-46 and in Detail for 1946.—concluded

Year and Purpose Heading	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
1946	No.	No.	\$	\$	\$	\$
Personal Utilities.....	831	22,878	33,330,845	72,388,600	74,217,740	147,894,182
Jewellery and time-pieces.....	172	6,691	10,507,305	22,873,016	18,411,485	41,528,678
Recreational supplies.....	116	3,798	4,877,206	5,636,097	7,963,957	13,782,897
Personal utilities.....	543	12,389	17,946,334	43,879,487	47,842,298	92,582,607
House Furnishings.....	1,380	46,552	72,474,444	113,497,880	124,634,329	241,541,217
Books and Stationery.....	2,591	56,642	98,160,792	100,762,002	183,400,588	286,843,601
Vehicles and Vessels.....	466	106,870	209,206,556	318,485,632	323,005,130	633,216,763
Producers' Materials.....	10,148	320,766	511,037,792	1,260,493,056	1,121,849,111	2,508,083,992
Farm material.....	29	2,805	5,929,796	22,865,328	23,895,016	49,992,443
Manufacturers' materials.....	1,411	194,597	360,212,521	839,681,923	740,841,534	1,683,547,929
Building materials.....	8,140	98,030	139,497,348	309,834,982	291,185,010	617,908,503
General materials.....	568	25,334	35,398,127	87,810,823	65,927,551	156,635,117
Industrial Equipment.....	3,224	191,864	336,665,748	621,737,938	619,538,467	1,306,685,056
Farming equipment.....	63	14,030	25,634,807	33,092,607	29,613,614	63,877,759
Manufacturing equipment.....	318	27,775	51,226,155	51,682,565	94,450,954	148,015,290
Trading equipment.....	143	2,534	4,449,154	2,922,375	9,152,136	12,512,950
Service equipment.....	392	12,336	19,981,232	32,524,868	56,423,253	89,631,616
Light, heat and power equip- ment.....	408	61,426	109,112,268	303,475,099	226,191,406	549,293,858
General equipment.....	1,900	73,763	126,262,132	201,040,424	233,707,104	443,353,583
Miscellaneous.....	242	8,183	13,409,188	34,313,964	30,282,862	65,751,453

Table 13 has been included in order to give the amount and value of each of the principal commodities produced by the manufacturing industries of Canada. The list is not intended to be complete since a large number of commodities are produced in such small quantities that it would extend the table considerably without adding proportionately to its value to include them. The commodities listed, however, cover approximately 75 p.c. of total production. For a complete list of products, see Appendix II of this report.

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946

	Unit of Measure	Quantity	Value
Food—			\$
Biscuits, all kinds.....	ton	74,678	26,924,590
Bread, pies, cakes, etc.....	—	.....	130,575,355
Butter, factory made.....	lb.	271,469,899	105,443,878
Cheese, factory made.....	"	193,065,192	44,570,433
Confectionery, all kinds.....	—	.....	40,349,056
Cream, sold in dairy factories.....	lb.	25,545,263	19,708,985
Feed, chopped grain.....	ton	1,440,706	56,038,134
Fish, canned and otherwise prepared.....	—	.....	56,310,727
Flour, wheat.....	bbl.	27,176,463	164,358,697
Feeds, stock, and poultry.....	ton	1,508,400	74,498,226
Fruits and vegetables, canned.....	lb.	518,307,717	43,107,087
Ice cream, factory made.....	gal.	13,953,012	17,244,273
Jams, jellies and marmalades.....	lb.	93,830,055	12,547,802
Lard.....	"	46,230,527	6,755,057
Meats, canned incl. poultry, pastes, etc.....	"	210,098,653	43,710,776
Meats, cured.....	"	423,059,602	109,206,423
Meats, sold fresh.....	"	981,271,716	203,586,876

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946—continued

	Unit of Measure	Quantity	Value \$
Food—concluded			
Milk, sold in dairy factories.....	gal.	131,851,780	61,350,011
Milk, evaporated and condensed.....	lb.	234,203,080	20,821,680
Pickles, sauces and catsup.....	—	—	10,099,772
Powders, edible.....	lb.	100,476,942	27,610,364
Sausage, fresh and cured.....	"	124,992,807	26,997,135
Shortening.....	"	107,980,525	15,770,393
Sugar, granulated (cane and beet).....	"	829,298,810	51,117,520
Tea and coffee, roasted, blended and packed.....	"	117,514,653	56,402,907
Drink and Tobacco¹—			
Aerated waters.....	gal.	55,732,936	37,060,154
Beer, ale, stout and porter.....	"	151,310,090	182,641,103
Cigarettes.....	M	15,263,780	208,027,668
Cigars.....	"	219,985	14,690,822
Spirits, potable, sold (net sales).....	Pr gal.	11,125,219	59,132,546
Tobacco, chewing, smoking and snuff.....	lb.	29,772,338	46,680,739
Tobacco, raw leaf, processed.....	"	86,684,588	37,834,249
Wine, sold.....	gal.	4,937,143	9,621,528
Clothing—			
Coats and overcoats, men's, boys' and women's.....	No.	2,976,952	91,696,373
Dresses, women's and misses.....	"	12,409,263	55,674,727
Footwear, leather.....	pr.	35,358,064	86,410,052
Footwear, rubber.....	"	18,687,125	26,223,520
Hats, and caps, men's and boys.....	doz.	698,310	12,955,519
Hats, women's.....	"	437,341	9,791,208
Hosiery, all kinds.....	"	5,845,380	44,880,938
Shirts, fine and work.....	"	1,127,553	16,620,277
Suits, men's and boys.....	No.	1,936,793	37,891,500
Suits, women's and misses.....	"	659,634	11,774,155
Underwear.....	doz.	3,583,321	22,826,476
Uniforms, woollen.....	No.	175,065	2,953,171
Personal Utilities—			
Bags, leather.....	—	—	10,886,331
Jewellery.....	—	—	13,532,741
Pianos, organs and parts.....	—	—	1,856,654
Plated ware, all kinds.....	—	—	10,356,669
Radio sets and accessories ²	—	—	32,788,274
Soap.....	lb.	231,506,582	27,586,756
Sporting goods.....	—	—	7,152,272
Toilet preparations and perfumes.....	—	—	17,475,521
Toys and games.....	—	—	9,769,274
House Furnishings—			
Blankets, all kinds.....	lb.	10,072,780	8,273,308
Brooms and brushes.....	—	—	12,722,041
Carpets, mats and rugs.....	—	—	6,279,778
Furniture, household, incl. beds and couches.....	—	—	63,626,554
Kitchenware.....	—	—	9,572,904
Mattresses.....	No.	1,138,399	12,681,333
Mops.....	—	—	1,214,240
Springs, bed and other furniture.....	—	—	5,380,109
Stoves, coal, wood, electric and gas.....	—	—	20,197,993
Books and Stationery—			
Advertising matter, printed.....	—	—	18,083,133
Books and catalogues, printed.....	—	—	6,161,194
Circular, letters, bank notes, etc., printed.....	—	—	12,040,229
Periodicals, printed for publishers.....	—	—	11,644,229
Periodicals, printed by publishers—	—	—	32,802,776
Subscriptions and sales.....	—	—	56,276,973
Gross revenue from advertising.....	—	—	19,365,778
Sheet forms, commercial, printed.....	—	—	—

¹Includes excise taxes on tobacco products and prime cost of spirits.

²See also Radio communication equipment under "Miscellaneous".

13.—Quantities and Values of the Principal Commodities Produced by the Manufacturing Industries of Canada, Grouped by Purpose, 1946—concluded

	Unit of Measure	Quantity	Value
			\$
Vehicles and Vessels—			
Aircraft, including parts and repairs.....	—	.....	33,640,592
Automobiles, commercial.....	No.	79,657	81,204,338
Automobiles, passenger.....	"	91,871	82,847,330
Automobile parts and accessories, incl. tires, etc.....	—	.....	209,674,460
Cars and locomotives, and parts.....	—	.....	61,382,093
Ships and ship repairs.....	—	.....	101,150,554
Miscellaneous—			
Abrasives, artificial.....	—	.....	18,271,737
Bags, cotton and jute.....	doz.	11,839,407	25,590,986
Bags, paper.....	—	.....	15,182,322
Bars, iron and steel, hot rolled.....	net ton	377,260	28,448,498
Batteries, electric, and parts.....	—	.....	17,507,203
Blooms, billets and slabs.....	net ton	225,859	10,227,549
Boilers, heating and power, and parts.....	—	.....	11,922,435
Boxes, paper and wood.....	—	.....	72,140,897
Calcium and sodium compounds.....	—	.....	21,997,276
Cans, tin.....	—	.....	49,673,485
Castings, iron (made for sale).....	ton	214,624	30,951,810
Coke.....	"	3,363,109	32,676,130
Cotton fabrics.....	y.d.	304,852,413	55,593,632
Enamels, lacquers and varnishes.....	—	.....	23,549,683
Explosives.....	—	.....	7,654,592
Farm implements and parts.....	—	.....	52,247,004
Ferro-alloys.....	—	.....	11,114,234
Forgings, steel and other.....	—	.....	7,442,308
Gas, sold.....	M cu. ft.	22,503,927	20,916,981
Gases, compressed and liquefied.....	—	.....	12,728,644
Gasoline.....	imp. gal.	1,017,620,703	117,836,804
Glass, pressed and blown.....	—	.....	15,659,180
Hardware, builders' and other.....	—	.....	12,239,355
Leather, shoe.....	—	.....	39,911,342
Lumber, sawn rough and planed.....	—	.....	259,267,662
Machinery, all kinds and parts.....	—	.....	185,804,093
Medicines and pharmaceuticals.....	—	.....	54,441,506
Munitions and other war supplies.....	—	.....	8,355,999
Oil, fuel and gas.....	imp. gal.	965,101,806	52,448,338
Paints, mixed, ready for use.....	"	9,687,254	25,226,843
Paper, newsprint, wrapping and book.....	—	.....	312,626,930
Paper boards.....	—	.....	58,489,845
Pipes and fittings, iron and steel.....	—	.....	33,528,518
Plastics, primary.....	—	.....	21,240,140
Plates, sheets, etc., iron and steel.....	net ton	456,932	36,147,670
Pulp, wood, made for sale.....	short ton	1,693,443	130,742,258
Radio communication equipment.....	—	.....	6,750,778
Refrigerators, electric.....	No.	48,897	8,421,592
Rods and bars, brass, bronze, etc.....	lb.	176,635,553	5,856,704
Rods, copper wire.....	"	122,387,244	15,916,489
Rolled iron and steel forms, semi-finished.....	net ton	225,859	10,227,549
Sash, doors and other millwork.....	—	.....	31,341,439
Scientific and professional equipment.....	—	.....	14,384,569
Silk, artificial and mixtures, continuous filament.....	y.d.	59,719,166	33,864,444
Smelter and refinery products.....	—	.....	304,718,524
Spun rayon and mixtures.....	y.d.	18,442,510	8,614,666
Steel ingots and castings (sold).....	net ton	117,863	20,969,581
Steel shapes erected, bridge, etc.....	—	.....	22,155,792
Steel shapes, structural, made in primary mills.....	—	.....	7,697,043
Tire fabrics.....	lb.	19,835,517	10,139,299
Tools, all kinds.....	—	.....	23,682,083
Twine and rope.....	—	.....	15,743,717
Wires and cables, electrical.....	—	.....	39,434,000
Wire, wire rope and cable steel.....	—	.....	15,088,287
Woollen cloth, woven and other.....	y.d.	27,840,576	48,742,005
Yarn, cotton, artificial silk, wool, etc., made for sale.....	lb.	85,294,607	63,203,160

Subsection 4.—Manufactures Classified by Origin of the Materials

The distinction made between farm materials of Canadian and foreign origin is based on whether the materials are indigenous to Canada rather than on their actual source. Thus, the industries included in the foreign origin classes are those

depending upon materials that cannot be grown in Canada, such as tea, coffee, spices, cane sugar, rice, rubber, cotton, etc. Industries included in the Canadian origin classes may, however, be using large quantities of imported materials.

The mineral origin group includes, in addition to the non-ferrous metals, so largely produced in Canada, the manufactures of iron and steel, of petroleum, and of other mineral substances, the raw materials for which are very largely imported. Products of mineral origin, with the exception of fuels, are nearly all durable goods. A high standard of living and advanced industrial organization is usually indicated by a relatively large production and consumption of mineral products. During periods of depression when the production of capital goods is curtailed, employment in the industries of the farm group, which produce mainly consumer goods, exceeds that of the mineral group. The industries of the mineral group in 1943 had by far the greatest capital investment, employed the largest number of persons, and paid out the highest amount in salaries and wages. In 1943 the average capital per employee amounted to \$5,441 for the mineral group as compared with \$4,417 for the farm origin group. The mineral group also pays the highest wages. In 1946 the average salary and wage was \$1,861 for the mineral group and \$1,467 for the farm origin group.

14.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-46.

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1924						
Farm origin.....	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Mineral origin.....	2,896	1,010,517,844	136,877	171,068,067	349,800,585	700,002,007
Forest origin.....	6,873	876,149,932	126,907	147,719,245	245,183,429	544,282,597
Marine origin.....	836	20,304,785	11,157	3,344,348	16,089,332	26,637,962
Wild life origin.....	226	10,837,249	2,944	3,104,213	7,506,169	13,386,266
Mixed origin.....	1,305	204,716,127	57,277	55,927,609	101,563,384	200,718,177
Grand Totals, 1924 ..	20,799	2,895,317,568	487,519	541,467,675	1,436,193,791	2,581,306,764
Farm Origin Group—						
From field crops.....	4,595	525,717,571	89,436	87,789,237	433,443,376	691,513,259
From animal husbandry..	4,068	247,073,900	63,052	65,424,526	282,604,516	407,766,406
Totals, Farm Origin	8,663	772,791,471	152,488	153,213,763	716,047,892	1,099,279,665
Canadian origin	8,379	546,231,949	114,514	119,217,657	553,357,883	848,236,237
Foreign origin	284	229,559,522	37,974	33,995,106	162,690,009	251,042,328
1929						
Farm origin	9,041	909,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Mineral origin.....	3,219	1,556,602,509	238,574	391,027,863	678,683,203	1,302,499,868
Forest origin.....	7,353	1,148,558,242	163,863	191,044,307	313,088,964	722,269,066
Marine origin.....	730	28,644,442	16,367	5,411,855	21,496,859	34,966,260
Wild life origin.....	234	14,338,686	3,767	4,783,323	12,847,817	20,861,039
Mixed origin.....	1,639	293,302,865	81,973	83,717,174	150,947,887	316,080,314
Grand Totals, 1929 ..	22,216	4,094,892,309	666,531	777,291,317	2,029,620,843	3,883,416,116
Farm Origin Group—						
From field crops.....	5,191	697,206,163	114,236	115,201,292	496,842,580	889,075,246
From animal husbandry..	3,850	272,178,703	67,446	73,105,463	355,763,503	507,694,323
Totals, Farm Origin	9,041	969,384,866	181,682	188,306,755	852,606,083	1,396,769,569
Canadian origin	8,743	708,461,549	134,686	140,340,993	682,056,026	1,106,006,184
Foreign origin	298	260,922,317	47,000	46,965,762	170,559,057	290,763,285

¹For the year 1924 the figures for "Cost of Materials" and "Gross Value of Products" include the value placed on intermediate products used in further processes in the chemical group of industries. For this reason these figures differ slightly from those contained in the other tables of this report.

11.—Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-46—continued

Year and Origin	Estab- lish- ments	Capital	Em- ployees	Salaries and Wages	Cost of Materials	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1933						
Farm origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Mineral origin.....	3,539	1,306,641,651	130,565	138,101,092	271,434,337	601,428,003
Forest origin.....	7,796	882,445,602	102,807	99,046,012	133,550,374	335,886,257
Marine origin.....	620	15,532,775	4,064	2,287,385	10,960,289	17,380,323
Wild life origin.....	335	10,507,157	3,498	3,481,885	7,159,079	13,000,927
Mixed origin.....	1,795	219,550,595	69,122	55,619,701	89,802,145	194,423,805
Grand Totals, 1933.....	23,780	3,279,259,538	468,658	436,247,821	967,788,928	1,951,075,785
Farm Origin Group—						
From field crops.....	5,746	609,044,529	93,433	81,655,182	263,007,043	494,048,930
From animal husbandry..	3,949	235,537,529	65,169	56,056,567	191,875,661	297,907,540
Totals, Farm Origin.....	9,695	844,582,058	158,602	137,711,749	454,882,704	791,956,470
Canadian origin.....	9,373	629,450,643	124,547	107,807,386	365,559,776	620,197,449
Foreign origin.....	322	215,131,415	34,055	29,904,363	89,322,928	171,759,021
1937						
Farm origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Mineral origin.....	3,384	1,401,562,788	216,959	280,323,383	784,742,328	1,451,202,762
Forest origin.....	8,392	916,530,488	144,597	161,030,221	254,863,829	589,517,795
Marine origin.....	597	18,130,385	5,427	3,354,771	16,318,781	26,088,625
Wild life origin.....	365	13,328,164	4,264	4,452,918	10,761,233	17,658,867
Mixed origin.....	1,957	214,136,806	85,296	74,703,925	130,275,910	264,742,168
Grand Totals, 1937.....	24,831	3,465,227,831	660,451	721,727,037	2,006,926,787	3,625,459,500
Farm Origin Group—						
From field crops.....	6,197	635,995,955	118,765	115,999,546	456,791,911	774,683,154
From animal husbandry..	3,942	265,543,245	85,143	81,862,273	353,172,795	501,566,129
Totals, Farm Origin.....	10,139	901,539,200	203,908	197,861,819	809,964,706	1,276,249,283
Canadian origin.....	9,326	673,003,567	158,075	152,070,575	659,488,389	1,008,885,353
Foreign origin.....	813	228,535,633	45,833	45,791,244	150,476,317	267,363,930
1939						
Farm origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Mineral origin.....	3,474	1,498,265,618	210,752	280,054,303	669,728,573	1,321,444,094
Forest origin.....	8,430	951,016,933	142,091	160,798,500	244,944,997	572,335,960
Marine origin.....	523	21,479,200	5,369	3,638,794	18,114,698	28,816,536
Wild life origin.....	384	14,723,743	4,604	5,396,623	11,592,065	19,961,526
Mixed origin.....	1,791	208,609,063	75,088	70,197,968	113,528,916	242,232,391
Grand Totals, 1939.....	24,805	3,647,024,449	658,114	737,811,153	1,836,159,375	3,474,783,528
Farm Origin Group—						
From field crops.....	6,096	649,746,486	124,708	126,311,033	410,994,461	759,964,866
From animal husbandry..	4,107	303,183,406	95,502	91,413,932	367,255,664	530,028,155
Totals, Farm Origin.....	10,203	952,929,892	220,210	217,724,965	778,250,125	1,289,993,021
Canadian origin.....	9,382	699,345,423	171,460	168,260,771	630,779,223	1,011,294,132
Foreign origin.....	821	253,584,469	48,750	49,464,194	147,470,902	278,698,889

14. Principal Statistics of the Manufacturing Industries of Canada, Classified According to the Origin of the Material Used, by Main Groups, Significant Years 1924-46—concluded

Year and Origin	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1941						
Farm origin.....	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Mineral origin.....	1,470	624,542	1,208,779,764	2,258,766,792	2,312,260,844	4,708,104,244
Forest origin.....	10,347	189,989	278,171,969	495,531,476	541,521,476	1,082,160,254
Marine origin.....	535	9,664	10,327,695	45,906,542	22,066,801	68,882,879
Wild life origin.....	535	6,199	9,430,191	28,070,572	15,728,926	43,985,177
Mixed origin.....	2,258	98,050	128,195,442	223,007,600	253,202,359	481,828,520
Grand Totals, 1941	28,483	1,222,882	2,029,621,370	4,832,333,356	4,045,776,010	9,073,692,519
1945						
Farm Origin Group—						
From field crops.....	6,307	164,514	226,751,705	888,435,918	563,349,320	1,477,008,962
From animal husbandry.....	4,022	123,242	167,964,604	892,578,456	307,645,784	1,211,722,453
Totals, Farm Origin	10,329	287,756	394,716,309	1,781,014,374	870,995,104	2,688,731,415
Canadian origin.....	9,423	225,077	303,293,749	1,507,591,822	668,958,344	2,202,655,904
Foreign origin.....	836	62,679	91,422,560	273,512,552	202,036,760	486,075,511
1946						
Farm origin.....	10,346	286,224	416,822,843	1,801,780,491	921,956,062	2,761,024,764
Mineral origin.....	1,557	595,627	997,665,281	1,788,760,744	1,744,865,298	3,654,473,138
Forest origin.....	10,546	195,999	299,059,353	548,625,870	574,743,589	1,170,674,893
Marine origin.....	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
Wild life origin.....	591	7,199	11,303,522	36,280,969	18,300,106	54,773,683
Mixed origin.....	2,470	104,104	130,677,401	236,156,532	273,921,751	515,855,114
Grand Totals, 1946	29,653	1,119,372	1,815,773,119	4,473,668,847	3,564,315,899	8,250,368,866
1947						
Farm origin Group—						
From field crops.....	6,245	168,897	226,224,361	926,429,188	605,036,603	1,554,904,150
From animal husbandry.....	4,107	127,347	177,598,482	875,141,213	315,649,399	1,204,120,614
Totals, Farm Origin	10,352	296,244	403,822,843	1,801,570,401	921,686,002	2,759,024,764
Canadian origin.....	9,450	241,708	321,688,225	1,537,044,535	708,624,007	2,273,013,255
Foreign origin.....	802	64,536	92,134,618	264,525,866	213,062,055	485,011,509
1948						
Farm origin.....	10,535	302,250	443,471,006	1,876,803,842	991,765,819	2,907,395,097
Mineral origin.....	1,654	606,378	756,332,727	1,436,525,795	1,365,653,544	2,904,496,837
Forest origin.....	11,883	220,446	358,033,891	676,542,601	736,212,028	1,468,630,801
Marine origin.....	586	11,327	13,799,809	68,012,825	31,084,775	100,201,291
Wild life origin.....	611	7,005	12,688,608	40,421,050	22,078,566	62,748,055
Mixed origin.....	2,674	109,846	150,661,243	265,928,650	320,210,248	592,220,390
Grand Totals, 1948	31,241	1,458,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
1949						
Farm Origin Group—						
From field crops.....	6,326	169,300	251,545,508	992,329,370	653,371,968	1,671,793,471
From animal husbandry.....	4,209	132,950	191,025,498	884,474,472	338,393,851	1,235,601,626
Totals, Farm Origin	10,535	302,250	443,471,006	1,876,803,842	991,765,819	2,907,395,097
Canadian origin.....	9,638	240,961	348,446,141	1,631,721,715	781,589,463	2,442,421,842
Foreign origin.....	897	61,289	95,024,865	245,082,127	210,176,356	464,973,255

Subsection 5.—Manufactures Classified by Type of Organization

The Dominion Bureau of Statistics, has for the first time made a study of the type of organization under which Canadian manufacturers operate, and the results for 1946 are published in the present report.

Of the 30,663 establishments included in this study, 14,581 or 47·6 p.c. were under individual ownership, 4,920 or 16 p.c. were partnerships, 10,209 or 33·3 p.c. were incorporated companies and 953 or 3·1 p.c. were co-operatives.

As is to be expected the smaller establishments, regardless of the type of products manufactured, are carried on under individual ownership. Industries carried on on a small scale contain a large number of establishments in this category, the percentage decreasing as the scale of operations increase, as the following table shows:

Group	Average number of employees per establishment	Percentage of Individual Ownership Establishments to the Total
Wood and paper products.....	18·7	58·6
Vegetable products.....	23·1	60·4
Animal products.....	23·2	40·2
Miscellaneous industries.....	30·4	37·3
Chemicals and allied products.....	36·7	21·0
Non-metallic mineral products.....	40·1	32·7
Textiles and textile products.....	53·5	28·0
Iron and its products.....	105·7	25·1
Non-ferrous metal products.....	114·7	22·3
Total.....	34·1	47·6

It is therefore found according to table 15, that in the vegetable products group, 60·4 p.c. of the establishments were in the above category. Wood and paper products had 58·6 p.c. of its establishments in this classification followed by animal products with 40·2 p.c., miscellaneous industries 37·3 p.c., non-metallic mineral products 32·7 p.c., textiles and textile products 28 p.c., iron and its products 25·1 p.c., non-ferrous metal products 22·3 p.c. and chemicals and allied products 21 p.c.

The establishments operating under individual ownership are not as important from the point of view of employment provided as their large numbers would indicate. According to tables 15 and 16, these establishments which comprised 47·6 p.c. of the total only had 7·9 p.c. of the total employees. Partnership accounted for 16 p.c. of the number of establishments and 4·7 p.c. of the total employees. Incorporated companies with 33·3 p.c. of the number of establishments had 86·5 p.c. of the employees. Co-operatives with 3·1 p.c. of the number had 0·9 p.c. of the employees.

On the basis of employment provided, incorporated companies are by a very wide margin the most important factor in the employment field. In the non-ferrous metal products group 96.1 p.c. of the employees were reported by such companies. Companies in the iron and its products group had 95.9 p.c., chemicals and allied products 94.7 p.c., non-metallic mineral products 92.4 p.c., textiles 84.2 p.c., vegetable products 82.6 p.c., miscellaneous industries 82 p.c., wood and paper products 78.3 p.c., and animal products 76.7 p.c. of the total employment.

15.—Percentage Distribution of the Number of Establishments in the Manufacturing Industries, by Type of Organization, 1946.

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Canada	47.6	16.0	33.3	3.1	100.0
Prince Edward Island.....	58.4	16.3	19.7	5.6	100.0
Nova Scotia.....	59.4	16.4	23.2	1.0	100.0
New Brunswick.....	57.6	11.9	27.9	2.6	100.0
Quebec.....	53.4	13.5	28.2	4.9	100.0
Ontario.....	42.3	16.8	39.3	1.6	100.0
Manitoba.....	42.3	17.2	37.8	2.7	100.0
Saskatchewan.....	56.2	17.8	20.2	5.8	100.0
Alberta.....	50.6	17.6	27.0	4.8	100.0
British Columbia and Yukon.....	35.0	22.3	41.0	1.7	100.0
INDUSTRIAL GROUP					
Vegetable products.....	60.4	13.2	24.4	2.0	100.0
Animal products.....	40.2	12.8	27.5	19.5	100.0
Textiles and textile products.....	28.0	21.1	50.3	0.6	100.0
Wood and paper products.....	58.6	18.0	23.1	0.3	100.0
Iron and its products.....	25.1	15.1	59.4	0.4	100.0
Non-ferrous metal products.....	22.3	14.6	63.1	.....	100.0
Non-metallic mineral products.....	32.7	16.3	51.0	0.0	100.0
Chemicals and allied products.....	21.0	9.2	69.1	0.7	100.0
Miscellaneous industries.....	37.3	17.0	45.7	.....	100.0

16. Percentage Distribution of Employment in the Manufacturing Industries, by Type of Organization, 1946.

Province or Group	Individual Ownership	Partnerships	Incorporated Companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
Canada	7.9	4.7	86.5	0.9	100.0
Prince Edward Island.....	29.0	10.4	58.2	2.4	100.0
Nova Scotia.....	13.3	4.6	81.6	0.5	100.0
New Brunswick.....	11.7	4.3	82.4	1.6	100.0
Quebec.....	9.9	5.3	83.9	0.9	100.0
Ontario.....	5.9	4.0	89.6	0.5	100.0
Manitoba.....	6.9	5.4	86.7	1.0	100.0
Saskatchewan.....	13.9	7.1	69.4	9.6	100.0
Alberta.....	11.6	8.2	77.3	2.9	100.0
British Columbia and Yukon.....	6.5	5.1	86.3	2.1	100.0
INDUSTRIAL GROUP					
Vegetable products.....	11.8	4.4	82.6	1.2	100.0
Animal products.....	10.5	6.5	76.7	6.3	100.0
Textiles and textile products.....	7.6	8.0	84.2	0.2	100.0
Wood and paper products.....	14.2	6.8	78.3	0.7	100.0
Iron and its products.....	2.3	1.7	95.9	0.1	100.0
Non-ferrous metal products.....	2.0	1.9	96.1	.....	100.0
Non-metallic mineral products.....	4.2	3.4	92.4	0.0	100.0
Chemicals and allied products.....	2.7	1.9	94.7	0.7	100.0
Miscellaneous industries.....	11.8	6.2	82.0	.....	100.0

17.—Percentage Distribution of Employment in the Forty Leading Industries, by Type of Organization, 1946.

Industry	Individual Ownership	Partnerships	Incorporated Companies	Co-operatives	Total
	p.c.	p.c.	p.c.	p.c.	p.c.
1 Pulp and paper.....		0.0	100.0		100.0
2 Slaughtering and meatpacking.....	1.4	1.6	94.1	2.9	100.0
3 Non-ferrous smelting and refining.....			100.0		100.0
4 Sawmills.....	33.9	13.6	52.3	0.2	100.0
5 Flour and feed mills.....	18.6	9.2	71.2	3.0	100.0
6 Butter and cheese.....	15.9	5.2	54.5	24.4	100.0
7 Electrical apparatus and supplies.....	0.8	1.2	98.0		100.0
8 Petroleum products.....	0.1	0.0	99.9		100.0
9 Automobiles.....			100.0		100.0
10 Clothing, women's factory.....	14.6	15.5	69.9		100.0
11 Railway rolling-stock.....	0.0		100.0		100.0
12 Rubber goods.....	0.2	0.4	99.4		100.0
13 Primary iron and steel.....			100.0		100.0
14 Clothing, men's factory.....	9.3	12.3	78.4		100.0
15 Bread and other bakery products.....	33.7	9.4	56.3	0.6	100.0
16 Machinery.....	2.8	0.7	96.3	0.2	100.0
17 Fruit and vegetable preparations.....	8.1	5.0	83.6	3.3	100.0
18 Sheet metal products.....	2.4	2.2	95.0	0.4	100.0
19 Foods, miscellaneous.....	7.5	2.9	89.6		100.0
20 Cotton yarn and cloth.....	0.0	0.2	99.8		100.0
21 Breweries.....	0.0	0.2	99.8		100.0
22 Hosiery and knitted goods.....	2.9	4.9	92.2		100.0
23 Printing and publishing.....	11.1	2.4	85.1	1.4	100.0
24 Boots and shoes, leather.....	10.1	5.1	84.6	0.2	100.0
25 Automobile supplies.....	2.7	0.8	96.3	0.2	100.0
26 Shipbuilding.....	0.9	0.6	98.5		100.0
27 Biscuits, confectionery, etc.....	4.5	3.1	92.4		100.0
28 Feeds, stock and poultry.....	9.8	5.2	73.7	11.3	100.0
29 Castings, iron.....	5.6	3.0	91.4		100.0
30 Tobacco, cigars and cigarettes.....	5.2	0.7	94.1		100.0
31 Planing mills, sash and door factories.....	21.9	11.4	66.3	0.4	100.0
32 Printing and bookbinding.....	17.3	8.9	71.9	1.9	100.0
33 Furniture.....	11.4	10.8	77.7	0.1	100.0
34 Boxes and bags, paper.....	2.1	2.1	95.8		100.0
35 Hardware, tools and cutlery.....	2.8	4.7	92.5		100.0
36 Brass and copper products.....	5.3	2.7	92.0		100.0
37 Distilleries.....			100.0		100.0
38 Medicinal and pharmaceutical prep.....	2.4	3.2	91.4	3.0	100.0
39 Silk and artificial silk goods.....	0.4	0.2	99.4		100.0
40 Miscellaneous paper products.....	3.5	2.4	94.1		100.0

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization, 1946.

Provinces and Groups	Estab-lish-ments	Em-ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada⁽¹⁾						
Individual ownership.....	14,581	82,624	98,184,045	6,915,190	244,453,239	423,563,950
Partnerships.....	4,920	49,528	66,554,394	3,176,801	152,905,617	272,993,542
Incorporated companies.....	10,209	904,883	1,549,376,542	197,585,484	3,790,451,404	7,107,655,352
Co-operatives.....	953	9,794	12,772,464	1,671,562	102,411,678	131,278,336
Totals⁽¹⁾	30,663	1,016,829	1,726,887,445	209,349,037	4,290,221,938	7,935,491,180
Prince Edward Island⁽¹⁾						
Individual ownership.....	104	320	214,084	29,999	738,084	1,257,603
Partnerships.....	29	115	96,548	10,093	253,423	491,181
Incorporated companies.....	35	642	840,664	72,054	2,978,271	4,614,309
Co-operatives.....	10	27	17,080	3,384	311,954	357,289
Totals⁽¹⁾	178	1,104	1,168,376	115,530	4,281,732	6,720,382

⁽¹⁾These totals exclude the "Fish Curing and Packing" industry for which no information was collected in 1946.

18.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Type of Organization. 1946—concluded

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia⁽¹⁾						
Individual ownership.....	716	3,467	3,378,332	254,765	8,784,335	15,614,242
Partnerships.....	197	1,202	1,214,058	68,937	2,917,586	5,198,406
Incorporated companies.....	280	21,294	34,111,864	6,050,857	64,781,846	124,862,380
Co-operatives.....	12	120	133,473	15,408	609,008	845,046
Totals (1).....	1,205	26,083	38,837,727	6,389,967	77,092,775	146,520,074
New Brunswick⁽¹⁾						
Individual ownership.....	487	2,403	2,380,120	195,125	6,976,033	11,766,992
Partnerships.....	100	870	1,020,694	56,698	2,494,049	4,201,728
Incorporated companies.....	236	16,889	27,397,840	6,012,130	74,770,996	137,253,747
Co-operatives.....	22	330	418,744	70,231	3,001,217	4,153,173
Totals (1).....	845	20,492	31,217,398	6,334,184	87,242,295	157,375,640
Quebec⁽¹⁾						
Individual ownership.....	5,722	35,314	41,140,123	2,574,723	103,190,561	177,752,760
Partnerships.....	1,450	18,793	25,306,123	940,855	55,492,321	101,812,089
Incorporated companies.....	3,017	298,772	494,874,603	70,869,299	1,097,490,829	2,167,238,067
Co-operatives.....	524	3,232	3,671,765	533,412	36,364,499	44,355,646
Totals (1).....	10,713	356,111	564,992,614	74,918,289	1,292,538,210	2,491,158,562
Ontario						
Individual ownership.....	4,836	29,528	37,864,013	2,738,324	97,179,292	165,375,565
Partnerships.....	1,917	20,044	28,495,015	1,368,343	65,883,070	114,899,312
Incorporated companies.....	4,486	446,138	775,671,800	88,920,253	1,815,168,867	3,443,493,848
Co-operatives.....	185	2,410	3,185,719	311,567	23,669,363	30,754,976
Totals.....	11,424	498,120	845,216,547	93,338,487	2,001,900,592	3,754,523,701
Manitoba						
Individual ownership.....	574	2,633	2,808,356	198,696	7,756,369	12,792,456
Partnerships.....	234	2,090	2,592,410	147,855	7,152,729	12,096,767
Incorporated companies.....	513	33,255	55,080,791	5,587,660	204,878,454	322,141,196
Co-operatives.....	36	389	536,788	75,208	3,609,383	4,856,680
Totals.....	1,357	38,367	61,018,345	6,009,359	223,096,935	351,887,099
Saskatchewan						
Individual ownership.....	537	1,658	1,414,677	189,891	3,295,705	6,121,418
Partnerships.....	170	851	905,229	107,337	3,139,505	5,041,042
Incorporated companies.....	193	8,297	14,130,228	2,784,730	107,573,391	141,012,141
Co-operatives.....	55	1,151	1,506,183	219,270	12,587,160	16,182,018
Totals.....	955	11,957	17,956,317	3,301,228	126,595,761	168,356,619
Alberta						
Individual ownership.....	666	2,630	2,888,083	294,118	7,845,738	13,615,076
Partnerships.....	231	1,871	2,360,825	185,028	8,853,881	14,331,122
Incorporated companies.....	355	17,500	28,802,147	3,266,192	145,165,146	219,700,426
Co-operatives.....	63	648	888,033	126,342	7,560,411	9,385,243
Totals.....	1,315	22,649	34,939,088	3,871,680	169,425,176	257,031,867
British Columbia⁽¹⁾						
Individual ownership.....	929	4,645	6,063,505	431,688	8,641,602	19,158,472
Partnerships.....	592	3,692	4,563,492	291,655	6,719,053	14,921,895
Incorporated companies.....	1,091	62,030	118,298,797	13,965,597	277,816,279	546,802,309
Co-operatives.....	46	1,487	2,414,679	316,740	14,698,683	20,388,265
Totals (1).....	2,658	71,854	131,340,473	15,005,590	307,875,617	601,270,941
Yukon and Northwest Territories						
Individual ownership.....	10	26	32,752	7,861	45,520	109,366
Incorporated companies.....	3	66	167,808	56,862	127,325	536,929
Totals.....	13	92	200,560	64,723	172,845	646,295

(1) These totals exclude the "Fish Curing and Packing" industry for which no information was collected in 1946.

19.—Principal Statistics of the Manufacturing Industries of Canada and Industrial Groups, Classified by Type of Organization, 1946

Industrial Group	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Vegetable Products—						
Individual ownership.....	3,573	16,158	18,095,682	2,611,599	66,139,856	102,172,442
Partnerships.....	780	6,053	7,467,694	874,358	30,288,740	45,990,318
Incorporated companies..	1,446	113,269	179,250,173	18,774,131	754,710,185	1,296,726,527
Co-operatives.....	117	1,690	2,080,132	254,527	20,297,250	25,024,843
Totals.....	5,916	137,170	206,893,681	22,514,615	871,436,061	1,469,914,130
2. Animal Products—						
Individual ownership.....	1,535	9,617	11,740,543	1,236,435	65,495,051	85,593,704
Partnerships.....	506	5,973	8,440,837	449,305	40,286,129	55,048,599
Incorporated companies..	1,083	70,209	110,173,656	7,671,413	597,382,337	796,108,024
Co-operatives.....	768	5,718	7,362,992	1,250,684	78,066,459	95,282,141
Totals⁽¹⁾.....	3,942	91,517	137,718,028	10,607,837	781,229,976	1,032,032,468
3. Textiles and Textile Products—						
Individual ownership.....	863	12,498	16,902,992	307,770	31,504,431	61,842,411
Partnerships.....	650	13,145	19,051,786	317,901	37,673,796	72,576,277
Incorporated companies..	1,551	138,799	191,739,612	10,070,100	390,480,408	753,101,251
Co-operatives.....	18	295	323,933	35,286	5,586	1,139,004
Totals.....	3,682	161,737	228,018,323	10,731,057	459,664,221	888,658,943
4. Wood and Paper Products—						
Individual ownership.....	7,030	31,672	33,365,490	1,763,679	64,004,081	125,419,022
Partnerships.....	2,159	15,309	18,062,758	816,072	30,343,767	61,486,650
Incorporated companies..	2,773	175,506	312,394,341	53,353,921	582,699,943	1,291,293,996
Co-operatives.....	32	1,634	2,226,973	103,954	2,295,694	6,236,454
Totals.....	11,994	224,121	366,049,562	56,037,626	679,343,485	1,484,436,122
5. Iron and Its Products—						
Individual ownership.....	592	5,951	9,229,976	432,823	6,738,224	21,237,914
Partnerships.....	355	4,167	6,701,764	259,773	5,366,491	16,072,582
Incorporated companies..	1,401	238,960	459,512,471	34,029,078	622,982,570	1,367,326,580
Co-operatives.....	10	201	368,772	17,621	256,914	905,789
Totals.....	2,358	249,279	475,812,983	34,739,295	635,344,199	1,405,542,865
6. Non-ferrous Metal Products—						
Individual ownership.....	165	1,675	2,464,102	99,802	2,381,514	6,742,746
Partnerships.....	108	1,594	2,343,029	71,651	3,008,515	6,898,981
Incorporated companies..	467	81,584	145,559,047	27,536,144	407,632,218	705,549,379
Totals.....	740	84,853	150,366,178	27,707,597	413,022,247	719,191,106
7. Non-metallic Mineral Products—						
Individual ownership.....	298	1,525	1,980,886	279,483	1,822,851	5,437,182
Partnerships.....	148	1,248	1,907,363	274,974	2,105,588	5,762,070
Incorporated companies..	463	33,720	59,960,391	31,806,160	236,557,430	435,285,430
Co-operatives.....	1					
Totals.....	910	36,493	63,848,640	32,360,617	240,485,869	446,484,682
8. Chemicals and Allied Products—						
Individual ownership.....	213	1,007	1,286,964	65,570	2,399,601	5,539,831
Partnerships.....	94	703	914,250	45,771	1,365,933	3,352,384
Incorporated companies..	703	35,318	63,932,156	13,219,991	154,062,481	364,718,944
Co-operatives.....	7	250	405,162	9,140	1,480,245	2,677,105
Totals.....	1,017	37,278	66,538,532	13,340,472	159,308,350	376,288,264
9. Miscellaneous Industries—						
Individual ownership.....	262	2,521	3,117,410	118,029	3,967,540	9,578,698
Partnerships.....	120	1,336	1,664,913	60,996	2,466,658	5,805,681
Incorporated companies..	322	17,524	26,859,195	1,124,896	43,953,332	97,558,221
Totals.....	704	21,381	31,641,518	1,309,921	50,387,530	112,942,600

⁽¹⁾These totals exclude the "Fish Curing and Packing" industry for which no information was collected in 1946.

Subsection 6.—Leading Manufacturing Industries

In the following statement, the rank of the ten leading industries in 1946, from the standpoint of gross value of production, is compared with their respective ranks in significant years since 1922.

THE TEN LEADING INDUSTRIES, 1946, COMPARED AS TO RANK, SIGNIFICANT YEARS 1922-45.

NOTE.—Where a dash is given it indicates that the industry did not rank among the forty leading industries.

INDUSTRY	RANK IN							
	1946	1945	1944	1939	1937	1933	1929	1922
Pulp and paper.....	1	2	5	2	2	1	1	2
Slaughtering and meat packing.....	2	1	1	3	3	3	2	3
Non-ferrous metal smelting and refining.....	3	3	2	1	1	2	9	—
Sawmills.....	4	5	11	8	7	14	5	4
Flour and feed mills.....	5	8	12	7	5	4	3	1
Butter and cheese.....	6	9	10	4	6	5	6	5
Electrical apparatus and supplies.....	7	6	8	9	8	16	8	17
Petroleum products.....	8	11	14	6	9	6	10	9
Automobiles.....	9	7	7	5	4	11	4	6
Clothing, women's factory.....	10	16	21	17	16	10	17	16

A prominent feature of Canadian manufacturing development during the past 20 years has been the rapid growth of non-ferrous metal smelting. This industry, based upon the rich base metal resources of the country, has now taken its place among the leading manufactures along with the industries based upon forest, agricultural and live-stock resources. The incidence of the depression resulted in a rearrangement in the ranking of many industries; in some cases this has proved to be temporary. Under the impetus of war production, the industries engaged in producing the equipment needed by the Armed Forces, such as shipbuilding, aircraft, automobiles, miscellaneous chemical products, and primary iron and steel, advanced to higher positions. With the end of the war in 1945, the industries engaged in the production of consumers' goods, by reason of the heightened demand for their products, bettered their position. Pulp and paper after a lapse of a number of years resumed its premier position. Another notable feature in 1946 was the advance of petroleum products from eleventh to eighth place, and the reappearance of the women's factory clothing industry in tenth place. Slaughtering and meat packing dropped from first to second place and automobiles from seventh to ninth place.

20. Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1945

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing.....	152	23,215	40,009,888	427,168,114	74,765,206	504,849,523
2 Pulp and paper.....	109	39,996	80,462,644	179,369,499	180,401,885	398,504,515
3 Non-ferrous smelting and refin- ing.....	17	16,771	33,853,120	238,940,486	89,898,878	355,676,526
4 Aircraft.....	38	37,812	84,230,503	115,093,267	161,746,606	278,652,880
5 Sawmills.....	5,255	11,046	54,017,500	126,006,754	103,153,766	231,108,030
6 Electrical apparatus and supplies	247	44,129	76,468,795	92,041,030	135,919,899	230,531,874
7 Automobiles.....	6	17,915	43,623,220	164,963,785	61,987,025	228,695,109
8 Flour and feed mills.....	1,023	7,511	11,322,915	192,270,945	30,014,438	224,269,380

For footnotes, see end of table, p. 46.

**20.—Principal Statistics of the Forty Leading Industries of Canada, Ranked
According to Gross Value of Products, 1945—concluded**

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
9 Butter and cheese.....	2,241	19,435	26,864,454	171,011,216	49,110,376	224,174,572
10 Shipbuilding.....	89	48,118	99,470,593	60,294,253	141,646,420	204,594,323
11 Petroleum products.....	46	6,775	13,891,310	151,153,429	41,423,861	201,683,679
12 Primary iron and steel.....	63	29,378	57,862,489	86,417,375	89,859,343	192,279,159
13 Rubber goods.....	55	23,490	39,111,477	78,500,892	98,836,225	181,413,226
14 Railway rolling-stock.....	37	30,515	61,793,939	84,264,315	92,804,283	181,249,842
15 Miscellaneous chemical products	232	29,214	50,197,271	83,754,688	89,660,775	177,661,547
16 Clothing, women's factory.....	989	27,975	39,485,827	78,385,452	70,099,770	148,827,882
17 Iron and steel products, misc....	186	20,663	41,768,204	71,221,217	72,293,317	145,722,443
18 Clothing, men's factory.....	453	27,423	36,933,900	78,554,206	60,928,679	139,920,218
19 Machinery.....	267	26,285	46,982,376	44,817,319	91,624,455	138,192,090
20 Bread and other bakery prod- ucts.....	2,860	29,045	38,328,474	62,829,434	65,580,825	132,518,212
21 Automobile supplies.....	108	17,390	33,115,867	65,897,750	58,727,677	126,562,829
22 Cotton yarn and cloth.....	41	21,646	28,020,333	66,528,980	45,126,175	114,682,802
23 Miscellaneous foods.....	267	7,106	9,652,137	79,653,383	29,682,189	109,931,480
24 Sheet metal products.....	196	17,121	27,736,555	58,242,909	46,632,971	106,257,719
25 Brass and copper products.....	161	13,267	25,680,949	53,655,695	49,403,675	105,150,750
26 Fruit and vegetable prepara- tions.....	470	14,440	16,117,172	59,712,161	37,958,245	99,371,391
27 Breweries.....	60	7,593	15,323,200	20,493,465	71,952,408	93,872,904
28 Fish curing and packing.....	540	10,219	11,268,019	62,064,331	30,529,102	93,567,274
29 Printing and publishing.....	769	19,498	35,027,002	19,151,982	69,949,912	90,054,024
30 Hosiery and knitted goods.....	216	23,654	26,640,343	40,423,407	46,368,918	88,035,002
31 Biscuits, confectionery, cocoa, etc.....	231	13,952	17,428,577	41,715,991	41,773,487	84,627,083
32 Boots and shoes, leather.....	263	20,096	24,668,874	45,685,629	38,419,106	84,523,621
33 Tobacco, cigars and cigarettes..	72	10,619	13,844,074	43,839,561	37,981,339	82,111,234
34 Castings, iron.....	205	15,726	29,316,949	29,478,446	44,687,679	76,581,974
35 Scientific and professional equip- ment.....	49	7,226	13,964,073	52,605,810	17,404,946	70,323,034
36 Feeds, stock and poultry.....	222	3,486	5,563,756	57,914,289	11,703,901	70,250,739
37 Hardware and tools.....	244	14,901	26,025,726	20,238,543	47,410,504	68,945,881
38 Coke and gas products.....	34	4,757	9,013,108	37,746,482	24,213,270	68,483,305
39 Acids, alkalis and salts.....	35	7,022	14,527,508	22,351,361	36,517,138	67,467,062
40 Printing and bookbinding.....	1,331	16,847	25,279,944	23,702,464	39,520,894	63,881,768
Totals, Forty Leading Industries.....	19,919	816,271	1,381,893,065	3,488,160,315	2,627,719,571	6,285,506,906
Totals, All Industries.....	29,050	1,119,372	1,845,773,149	4,473,668,847	3,564,315,899	8,250,368,866
Percentage of leading industries to all industries.....	68.6	72.8	75.0	78.0	73.4	76.2
Primary textiles.....	653	80,250	101,217,751	198,995,381	182,169,756	389,785,064

On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, first in salaries and wages paid and third in gross value of production.

21.- Principal Statistics of the Forty Leading Industries of Canada, Ranked According to Gross Value of Products, 1946.

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Value of Products	
					Net	Gross
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	113	44,967	101,364,636	223,448,338	258,164,578	527,814,916
2 Slaughtering and meat packing.....	147	22,536	40,313,025	408,033,456	64,868,839	475,953,154
3 Non-ferrous metal smelting and refining.....	15	14,546	30,648,361	212,865,030	69,565,922	304,718,524
4 Sawmills.....	6,001	49,352	63,811,260	156,107,527	129,408,392	287,910,057
5 Flour and feed mills.....	974	8,036	12,898,160	224,233,698	34,191,283	260,659,451
6 Butter and cheese.....	2,161	19,659	28,668,241	177,638,517	52,761,041	234,664,461
7 Electrical apparatus and supplies.....	266	43,998	74,510,479	101,939,272	129,968,926	234,572,653
8 Petroleum products.....	43	7,145	14,849,141	155,818,744	57,447,611	223,425,380
9 Automobiles.....	9	21,647	43,968,772	135,556,183	55,914,441	193,439,688
10 Clothing, women's factory.....	1,108	29,963	44,985,178	91,138,141	82,818,768	174,353,223
11 Railway rolling-stock.....	37	28,553	57,815,845	83,937,365	74,655,059	162,159,521
12 Rubber goods.....	60	22,055	37,813,363	62,135,578	93,451,248	159,408,113
13 Primary iron and steel.....	59	24,196	50,515,897	68,468,433	71,582,060	153,082,616
14 Clothing, men's factory.....	537	27,822	38,114,832	83,033,566	69,220,286	152,706,971
15 Bread and other bakery products.....	2,864	30,453	42,987,201	70,886,539	72,980,744	148,362,528
16 Machinery.....	299	27,003	50,246,824	50,760,795	93,031,472	145,638,248
17 Fruit and vegetable preparations.....	513	16,373	19,168,778	83,434,146	50,680,350	136,004,138
18 Sheet metal products.....	230	16,858	27,574,283	62,991,981	51,288,120	115,699,555
19 Miscellaneous foods, coffee, tea, etc.....	286	6,893	9,758,181	78,782,164	30,670,894	110,051,938
20 Cotton yarn and cloth.....	41	20,662	29,090,343	62,495,630	44,473,067	109,828,450
21 Breweries.....	61	8,644	17,743,749	23,416,499	84,270,490	109,299,587
22 Hosiery and knitted goods.....	247	24,941	30,210,507	47,270,879	56,681,420	105,208,699
23 Printing and publishing.....	775	21,462	39,846,308	24,578,088	78,689,074	104,305,064
24 Fish curing and packing.....	586	11,327	13,799,809	68,012,828	31,084,775	100,201,291
25 Boots and shoes, leather.....	294	22,334	29,023,596	52,340,814	43,612,607	96,435,251
26 Automobile supplies.....	124	15,348	27,808,618	43,519,483	48,250,348	93,428,899
27 Shipbuilding.....	79	20,246	40,975,731	25,915,348	64,535,796	91,851,460
28 Biscuits, confectionery, cocoa, etc.....	237	13,043	16,651,490	43,982,673	41,581,245	86,714,459
29 Feeds, stock and poultry.....	235	3,971	6,408,326	68,649,226	14,207,938	83,594,177
30 Castings, iron.....	219	16,925	31,381,935	27,446,850	52,484,740	82,278,070
31 Tobacco, cigars and cigarettes.....	78	9,532	12,711,360	45,455,773	36,048,133	81,799,967
32 Planing mills, sash and door factories.....	1,078	14,012	19,628,779	47,501,520	31,424,769	79,920,764
33 Printing and bookbinding.....	1,406	19,376	30,219,639	29,038,267	48,873,014	78,647,105
34 Furniture.....	824	19,217	28,213,893	34,719,631	42,546,833	78,241,125
35 Boxes and bags, paper.....	160	11,975	16,476,657	41,169,182	32,759,600	74,500,862
36 Hardware, tools and cutlery.....	276	15,868	27,259,296	22,823,598	48,915,105	73,059,549
37 Brass and copper products.....	162	10,252	18,425,724	39,983,930	30,874,312	72,056,922
38 Distilleries.....	18	4,075	7,122,533	21,437,733	44,326,434	67,119,358
39 Medicinal and pharmaceutical preparations.....	201	7,670	12,832,173	23,163,222	43,446,027	67,049,834
40 Silk and artificial silk goods.....	30	13,100	18,890,121	24,099,473	39,550,662	65,521,067
Totals, Leading Industries	22,859	766,035	1,261,733,041	3,348,230,120	2,501,306,423	6,001,687,095
Totals, All Industries	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
Percentage of Leading Industries to All Industries.....	73.2	72.4	72.7	76.8	72.2	74.7
Primary Textiles ¹	735	84,030	112,999,701	213,024,628	206,218,026	627,940,062

¹On a broader classification basis, the primary textile industry, which includes the production of cottons, woollens, silk, hosiery and knitted goods, and the dyeing and finishing of textiles, ranks first in number of employees, salaries and wages paid and gross value of production.

Section 4.—Principal Factors in Manufacturing Production

The subjects treated under this Section, in as much detail as limitations of space permit, include capital, employment, salaries and wages, size of establishments and power and fuel used in manufacturing.

Subsection 1.—Capital Employed

The remarkable increase in capital employed in Canadian manufactures from the beginning of the twentieth century has, of course, run parallel with the rapid growth in industrial operations. From 1900 to 1905 the capital increased from \$446,900,000 to \$833,900,000, and advanced to \$1,958,700,000 in 1915. During this period returns were received from establishments with 5 hands or over, and, while the rise in wholesale prices did not exceed 37 p.c., the capital employed in manufactures increased nearly 340 p.c.

The capital investment in 1943 in all establishments, irrespective of the number of employees, but exclusive of central electric stations, was \$6,317,000,000 as compared with \$2,334,000,000 in 1917, an increase of 171 p.c. while wholesale prices have declined about 13 p.c. in the same period.

Statistics on capital employed were discontinued in 1944.

22.—Percentage Distribution of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, Significant Years, 1917-43

Province or Group	1917	1920	1929	1933	1939	1941	1942	1943
PROVINCE	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.
Prince Edward Island.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nova Scotia.....	5.3	4.6	3.0	2.8	2.8	2.5	2.8	2.8
New Brunswick.....	2.6	3.5	2.3	2.7	2.5	2.0	1.9	1.8
Quebec.....	28.4	30.1	31.1	31.6	32.4	34.7	34.3	35.3
Ontario.....	49.6	50.1	49.6	48.4	48.3	47.6	48.0	47.4
Manitoba.....	3.6	3.2	3.0	3.1	3.3	3.3	3.2	2.8
Saskatchewan.....	1.0	0.8	1.1	1.2	1.0	1.0	0.8	0.9
Alberta.....	2.1	1.6	2.0	2.1	2.0	1.9	1.8	1.8
British Columbia and Yukon.....	7.3	6.0	7.8	8.0	7.6	6.9	7.1	7.1
Totals.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
INDUSTRIAL GROUP								
Vegetable products.....	12.0	12.7	14.5	15.9	14.8	12.9	12.0	10.8
Animal products.....	8.9	7.6	6.1	6.2	6.9	6.2	5.9	5.1
Textiles and textile products.....	8.2	10.4	9.0	9.1	9.5	9.0	8.4	7.2
Wood and paper products.....	23.0	26.5	28.8	27.2	26.4	22.1	19.7	17.5
Iron and its products.....	29.8	24.8	20.6	18.8	19.1	23.2	26.3	29.3
Non-ferrous metal products.....	3.0	3.7	7.5	8.1	9.5	11.1	11.2	10.7
Non-metallic mineral products.....	6.2	7.4	7.9	9.0	8.0	6.7	6.0	5.6
Chemicals and allied products.....	7.5	4.2	4.1	4.7	4.7	7.3	8.6	12.0
Miscellaneous industries.....	1.4	1.7	1.5	1.0	1.1	1.5	1.9	1.8

CAPITAL EMPLOYED IN MANUFACTURING

23. Forms of Capital Employed in the Manufacturing Industries, by Provinces and Industrial Groups, 1913, with Totals for Significant Years, 1924-42

Year, Province or Group	Estab- lish- ments	Fixed Capital	Working Capital			Total Capital
		Land, Buildings, Fixtures, Machinery, Tools and Other Equipment	Inventory Value of Raw Materials, Stocks in Process, Fuel, and Mis- cellaneous Supplies on Hand	Inventory Value of Finished Products on Hand	Cash, Bills and Accounts Receivable, Prepaid Expenses, etc.	
	No.	\$	\$		\$	\$
Totals, 1924.....	20,709	1,717,122,081	658,360,445		519,834,982	2,895,317,508
Totals, 1926.....	21,301	1,905,620,436	707,413,136		595,037,625	3,208,071,197
Totals, 1929.....	22,216	2,356,913,335	867,689,319		780,289,355	4,004,892,009
Totals, 1932.....	23,102	2,218,729,234	597,939,060		563,807,215	3,380,475,509
Totals, 1933.....	23,780	2,151,091,557	573,587,617		554,580,664	3,279,259,838
Totals, 1934.....	24,209	2,109,729,523	598,110,478		541,508,863	3,249,348,864
Totals, 1935.....	24,034	2,080,221,792	610,814,942		525,366,393	3,216,403,127
Totals, 1936.....	24,202	2,061,610,260	651,771,457		557,881,814	3,271,263,531
Totals, 1937.....	24,834	2,126,929,809	757,322,293		580,975,729	3,465,227,831
Totals, 1938.....	25,200	2,149,402,173	739,226,808		597,054,037	3,485,683,018
Totals, 1939.....	24,805	2,168,887,084	784,543,558		693,593,807	3,647,024,449
Totals, 1940.....	25,513	2,266,087,512	992,988,598		836,640,726	4,095,716,836
Totals, 1941.....	26,293	2,523,213,656	929,051,356	378,109,962	1,075,128,992	4,905,503,966
Totals, 1942.....	27,862	2,710,826,151	1,092,063,176	404,306,102	1,251,589,816	5,488,785,545
PROVINCES, 1943						
Prince Edward Island.....	230	2,079,533	529,646	285,766	986,887	3,881,832
Nova Scotia.....	1,278	92,028,183	31,957,646	22,592,192	32,785,682	179,363,703
New Brunswick.....	862	60,286,741	18,375,637	5,740,960	26,884,572	111,287,910
Quebec.....	9,372	1,059,284,069	478,397,975	166,178,728	520,759,614	2,230,620,386
Ontario.....	10,587	1,381,616,267	674,091,828	232,683,256	706,562,637	2,994,953,988
Manitoba.....	1,245	94,296,011	27,185,310	22,594,358	29,706,828	173,752,507
Saskatchewan.....	976	30,041,247	10,377,381	7,319,282	12,936,183	60,674,093
Alberta.....	1,133	64,391,736	14,909,801	14,525,409	17,855,473	111,682,419
British Columbia.....	1,961	218,592,648	94,954,866	51,774,221	85,038,313	450,360,048
Yukon and Northwest terri- tories.....	8	286,901	46,929	109,352	146,659	589,841
Totals, 1943.....	27,652	3,002,903,336	1,350,827,019	523,773,524	1,439,662,818	6,317,166,727
INDUSTRIAL GROUPS, 1943						
Vegetable products.....	5,913	282,619,237	147,178,142	91,891,156	162,603,768	684,292,303
Animal products.....	4,380	141,661,687	51,918,182	52,120,456	79,111,538	324,811,863
Textiles and textile products.....	2,384	190,613,728	113,008,355	25,036,301	126,307,645	455,056,029
Wood and paper products.....	9,974	707,656,824	138,239,069	35,482,901	222,605,422	1,103,984,216
Food and its products.....	2,044	737,776,577	559,488,023	133,009,303	422,232,149	1,852,506,052
Non-ferrous metal products.....	597	353,314,896	129,588,556	28,360,562	163,538,388	674,802,402
Ferrous metal products.....	747	223,248,695	46,362,712	31,345,015	50,207,832	351,164,254
Non-metallic mineral products.....	945	332,751,244	126,483,598	122,764,226	177,865,883	759,864,951
Chemicals and allied products.....	668	33,260,448	38,470,382	3,763,604	35,190,223	110,684,657
Miscellaneous industries.....						

Statistics on capital employed are not collected since 1944.

Subsection 2.—Employment in Manufactures

Monthly Record of Employment.—Ordinarily, manufacturing employment in Canada reaches its highest point during the summer months. Some of the seasonal industries, such as canning, are most active then, textile industries are preparing

winter goods, and industry generally feels the active demand of the agricultural purchasing power resulting from the prospect of the season's harvest. After the setback of 1929, employment in 1930, 1931, 1932 and the first half of 1933 declined steadily, the monthly employment figures in each case being lower than the corresponding month of the previous year. The peak of employment in June, 1929, when 575,693 wage-earners were on the payrolls, was surpassed in September, 1937, with 582,305 wage-earners. With the outbreak of war the improvement in employment became increasingly rapid. A new high record was attained in August, 1943, when 1,067,890 wage-earners were employed, an increase of 96.4 p.c. over the same month in 1939. The highest employment during 1944 was attained in June when 1,049,557 wage-earners were employed. From then on employment declined steadily to the end of 1945 when 819,619 wage-earners were reported. At the end of 1946 there were 870,356 wage-earners employed. This compares with an employment of 961,820 wage-earners in December 1944 and 1,021,630 wage-earners in December 1943.

24.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months and Sex, Significant Years, 1922-46

Month	1922	1929	1933	1939	1943	1944	1945	1946
ALL WAGE-EARNERS								
January.....	324,257	502,644	340,027	490,337	1,023,261	1,026,066	976,768	832,096
February.....	336,729	519,423	347,777	496,160	1,030,878	1,024,951	979,604	836,643
March.....	349,110	536,866	355,888	503,475	1,036,648	1,024,820	976,531	848,408
April.....	360,248	555,711	358,759	509,739	1,033,748	1,022,100	974,254	868,372
May.....	382,504	574,905	377,659	530,864	983,058	1,032,946	977,472	885,034
June.....	393,935	575,693	392,196	531,245	1,058,645	1,049,557	970,001	891,810
July.....	391,186	573,554	393,464	529,575	1,056,975	1,047,811	949,792	884,704
August.....	389,511	567,022	402,249	543,605	1,067,890	1,048,686	918,271	892,482
September.....	392,423	564,796	410,954	562,355	1,066,595	1,029,965	874,373	888,728
October.....	385,262	553,338	405,757	568,564	1,053,486	1,011,340	856,767	897,549
November.....	378,992	527,213	396,384	563,117	1,049,738	998,940	848,057	896,386
December.....	367,724	499,893	380,612	544,817	1,021,630	961,820	819,619	870,356
MALE								
January.....	243,682	397,459	257,445	381,997	751,269	738,764	708,008	620,965
February.....	253,178	410,865	260,728	385,955	755,181	737,647	709,563	626,494
March.....	263,849	426,713	267,259	391,623	757,702	737,761	708,642	638,334
April.....	274,821	443,560	271,348	398,982	755,888	737,913	709,043	659,570
May.....	294,095	459,783	285,705	416,963	764,158	747,746	714,926	673,775
June.....	304,395	460,294	296,937	417,975	776,003	762,126	714,892	680,475
July.....	304,020	459,051	300,329	417,987	779,687	762,939	704,868	676,153
August.....	301,234	449,721	302,969	421,895	777,733	757,135	677,102	674,051
September.....	298,918	441,510	304,908	431,509	767,043	737,347	638,286	666,246
October.....	291,973	432,576	301,315	437,220	754,484	724,084	627,566	675,564
November.....	286,511	412,114	294,945	432,920	753,211	717,179	622,762	675,335
December.....	277,854	391,903	285,690	422,538	738,073	698,990	609,035	661,336
FEMALE								
January.....	80,575	105,185	82,582	108,340	271,992	287,302	268,760	211,131
February.....	83,551	108,558	87,049	110,205	275,697	287,304	270,041	210,149
March.....	85,261	110,153	88,629	111,852	278,946	287,059	267,889	210,074
April.....	85,427	112,142	87,411	110,757	277,860	284,187	265,211	208,802
May.....	88,409	115,122	91,954	113,901	218,900	285,200	262,546	211,259
June.....	89,540	115,399	95,259	113,270	282,642	287,431	255,109	211,335
July.....	87,166	114,503	93,135	111,588	277,288	284,872	244,924	208,551
August.....	88,277	117,301	99,280	121,710	290,157	291,551	241,160	218,431
September.....	93,505	123,286	106,046	130,846	299,552	292,618	236,057	222,482
October.....	93,289	120,762	104,442	131,344	299,002	287,256	229,201	221,985
November.....	92,481	115,099	101,439	130,197	296,527	281,761	225,295	221,054
December.....	89,870	107,990	94,922	122,279	283,557	262,830	210,584	209,020

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46.

Month	1939	1943	1944	1945	1946
ALL WAGE-EARNERS					
Vegetable Products—	No.	No.	No.	No.	No.
January.....	72,227	88,815	94,906	106,312	107,223
February.....	72,523	88,751	94,491	106,689	105,624
March.....	72,628	87,572	94,295	105,689	104,356
April.....	70,208	84,963	93,241	102,802	104,620
May.....	72,149	85,453	93,456	102,050	105,401
June.....	73,802	88,331	98,263	104,312	109,344
July.....	77,014	92,931	104,672	110,972	108,280
August.....	84,280	97,129	113,317	114,055	116,243
September.....	91,088	105,571	118,217	122,440	124,938
October.....	85,045	99,664	109,229	114,894	122,381
November.....	81,842	98,343	106,480	112,179	119,297
December.....	78,562	95,217	100,550	106,596	114,754

MALE

	No.	No.	No.	No.	No.
January.....	51,640	56,463	57,565	67,158	71,228
February.....	51,850	55,923	57,681	67,213	70,938
March.....	52,025	55,284	57,546	67,297	70,824
April.....	50,789	53,880	57,135	65,340	72,079
May.....	52,030	53,978	57,447	65,386	72,878
June.....	52,914	55,746	60,547	67,193	75,148
July.....	54,918	59,338	65,054	72,255	73,620
August.....	57,429	59,507	67,701	71,900	75,283
September.....	60,212	62,582	69,216	75,256	79,465
October.....	58,112	60,013	65,165	73,003	80,456
November.....	56,459	59,734	64,433	72,516	80,136
December.....	55,801	58,996	62,177	70,526	78,456

FEMALE

	No.	No.	No.	No.	No.
January.....	20,587	32,352	37,341	39,154	35,995
February.....	20,673	32,828	36,810	39,476	34,686
March.....	20,603	32,288	36,749	38,392	33,532
April.....	19,419	30,983	36,106	37,462	32,541
May.....	20,119	31,475	36,009	36,664	32,523
June.....	20,888	32,585	37,716	37,119	34,196
July.....	22,096	33,593	39,618	38,717	34,660
August.....	26,851	37,622	45,616	42,155	40,960
September.....	30,876	42,989	49,001	47,184	45,473
October.....	26,933	39,651	44,064	41,891	41,925
November.....	25,383	38,609	42,047	39,663	39,161
December.....	22,761	36,221	38,373	36,070	36,298

ALL WAGE-EARNERS

	No.	No.	No.	No.	No.
Animal Products—					
January.....	46,552	64,230	69,914	74,414	76,559
February.....	47,397	63,645	69,955	72,311	74,814
March.....	48,315	63,110	70,424	71,214	76,106
April.....	49,837	65,476	73,208	74,208	79,322
May.....	50,042	72,128	81,078	81,700	87,500
June.....	57,373	74,922	84,206	84,061	90,570
July.....	56,297	75,436	83,373	84,226	92,144
August.....	57,854	75,396	82,037	85,462	93,850
September.....	57,273	73,092	79,741	84,363	89,222
October.....	57,487	72,503	78,862	84,290	89,404
November.....	50,041	73,231	78,533	84,323	86,050
December.....	53,612	70,204	74,795	80,534	79,117

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
MALE					
Animal Products—concluded	No.	No.	No.	No.	No.
January.....	36,619	45,583	48,978	52,025	54,859
February.....	37,016	44,526	48,686	50,434	53,635
March.....	37,603	44,636	48,939	49,435	54,397
April.....	39,013	45,880	51,146	51,264	56,803
May.....	42,924	49,297	55,645	55,122	61,557
June.....	44,279	51,707	57,994	56,979	64,102
July.....	44,208	52,344	57,873	57,817	65,907
August.....	44,735	51,944	56,976	58,702	67,071
September.....	44,406	50,126	54,861	58,575	63,679
October.....	44,687	50,338	54,530	59,231	64,427
November.....	43,514	51,146	54,863	59,582	62,088
December.....	41,804	49,680	52,414	57,345	57,221
FEMALE					
	No.	No.	No.	No.	No.
January.....	9,933	18,647	20,936	22,389	21,700
February.....	10,381	18,519	21,289	21,907	21,209
March.....	10,712	18,474	21,485	21,779	21,709
April.....	10,824	19,596	22,062	22,944	22,519
May.....	13,118	22,831	25,433	26,578	25,943
June.....	13,094	23,215	26,212	27,082	26,468
July.....	12,089	23,092	25,500	26,409	26,237
August.....	13,119	23,452	25,661	26,760	26,779
September.....	12,867	22,966	24,880	25,788	25,543
October.....	12,800	22,165	24,332	25,059	24,977
November.....	12,527	22,085	23,970	24,641	23,962
December.....	11,808	20,524	22,381	23,189	21,896
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
January.....	101,076	144,056	136,781	139,484	145,127
February.....	103,029	145,172	138,149	141,057	147,082
March.....	103,866	144,843	139,038	140,399	148,172
April.....	103,897	142,711	137,925	138,938	146,673
May.....	102,709	140,722	134,938	138,203	145,321
June.....	100,820	137,693	133,870	137,339	138,801
July.....	99,111	135,611	130,803	139,068	137,397
August.....	104,650	136,223	132,820	136,430	142,038
September.....	110,995	135,779	133,882	139,026	145,453
October.....	116,843	136,026	135,907	141,880	148,269
November.....	118,357	136,280	136,772	143,241	149,046
December.....	113,534	131,955	132,095	137,083	143,758
MALE					
	No.	No.	No.	No.	No.
January.....	46,808	55,089	52,221	52,841	58,181
February.....	47,187	55,381	52,377	52,953	59,276
March.....	47,064	54,880	52,520	52,456	59,779
April.....	47,254	53,966	51,968	51,737	59,222
May.....	46,486	52,804	50,707	51,192	58,908
June.....	46,175	51,969	50,603	51,408	55,529
July.....	46,427	52,132	50,294	51,163	56,292
August.....	48,191	51,802	50,890	52,326	57,874
September.....	50,581	50,968	50,238	52,884	59,589
October.....	53,271	50,766	50,586	54,224	60,440
November.....	54,238	51,115	51,346	55,546	61,189
December.....	52,585	50,613	50,271	54,636	60,067
FEMALE					
	No.	No.	No.	No.	No.
January.....	54,268	88,967	84,560	86,643	86,946
February.....	55,842	89,791	85,772	85,104	87,806
March.....	56,802	89,963	86,518	87,943	88,393
April.....	56,643	88,745	85,957	87,201	87,451
May.....	56,223	87,918	84,231	87,011	86,413
June.....	54,645	85,724	83,267	85,931	89,272
July.....	52,684	83,479	80,509	82,505	81,105
August.....	56,459	84,421	81,930	84,104	84,164
September.....	60,414	83,511	83,644	86,142	85,864
October.....	63,572	85,260	85,321	87,656	87,829
November.....	64,119	85,165	85,426	87,695	87,857
December.....	60,949	81,342	81,824	82,447	83,691

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46.—continued

Month	1939	1943	1944	1945	1946
ALL WAGE-EARNERS					
Wood and Paper Products—	No.	No.	No.	No.	No.
January.....	101,221	132,845	138,391	143,210	158,357
February.....	103,805	135,215	140,810	145,741	161,529
March.....	106,757	138,312	144,717	150,336	167,434
April.....	110,567	142,710	151,126	158,265	179,375
May.....	121,258	151,726	160,170	167,009	184,970
June.....	124,554	160,770	166,686	172,179	190,171
July.....	122,651	159,833	164,257	169,589	194,281
August.....	119,523	156,357	160,559	166,125	192,531
September.....	117,354	151,248	154,531	161,588	187,612
October.....	114,956	144,924	148,935	158,752	182,319
November.....	110,940	142,064	145,286	156,601	177,447
December.....	106,464	136,427	139,146	151,233	171,421
MALE					
	No.	No.	No.	No.	No.
January.....	91,377	112,781	114,274	119,553	135,417
February.....	94,226	114,613	116,635	121,854	138,844
March.....	97,098	117,383	120,723	126,291	144,875
April.....	100,799	121,542	127,166	134,200	157,015
May.....	111,261	129,921	136,001	142,586	162,574
June.....	114,583	137,683	141,723	147,066	167,029
July.....	112,515	136,527	139,515	144,592	170,970
August.....	109,461	132,299	136,162	141,304	169,066
September.....	106,914	126,776	130,142	137,086	164,143
October.....	104,083	119,586	124,124	134,060	158,185
November.....	99,853	116,579	120,261	131,747	152,959
December.....	95,868	112,009	115,626	127,976	148,402
FEMALE					
	No.	No.	No.	No.	No.
January.....	9,844	20,064	24,117	23,657	22,940
February.....	9,579	20,602	24,175	23,887	22,685
March.....	9,659	20,929	23,994	24,045	22,559
April.....	9,768	21,168	23,960	24,065	22,360
May.....	9,997	21,805	24,169	24,423	22,396
June.....	9,971	23,087	24,963	25,113	23,142
July.....	10,136	23,366	24,742	24,997	23,311
August.....	10,062	24,058	24,397	24,821	23,465
September.....	10,440	24,472	24,389	24,502	23,469
October.....	10,873	25,338	24,811	24,692	24,134
November.....	11,087	25,485	25,025	24,854	24,488
December.....	10,596	24,418	23,520	23,257	23,019
ALL WAGE-EARNERS					
Iron and Its Products—	No.	No.	No.	No.	No.
January.....	98,065	378,921	379,693	324,842	208,853
February.....	98,488	384,395	377,166	325,121	209,321
March.....	99,436	387,422	373,294	320,772	212,425
April.....	100,915	383,878	365,508	313,880	215,402
May.....	101,371	382,665	362,671	310,611	217,148
June.....	96,412	384,779	363,396	304,749	216,887
July.....	95,796	381,523	363,195	291,504	208,671
August.....	97,313	390,439	358,976	264,386	204,285
September.....	103,938	388,714	347,286	223,167	202,128
October.....	111,553	387,643	341,705	214,196	212,541
November.....	113,202	386,855	334,982	209,954	212,690
December.....	112,685	377,611	325,960	205,152	211,334

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
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MALE					
	No.	No.	No.	No.	No.
Iron and Its Products—concluded					
January.....	94,216	329,818	323,708	285,712	197,539
February.....	94,648	333,626	322,124	285,909	198,054
March.....	95,599	334,848	319,403	282,172	201,130
April.....	97,100	331,494	313,241	276,822	204,004
May.....	97,542	329,913	311,151	274,873	205,597
June.....	92,755	331,301	312,314	271,455	205,301
July.....	92,201	332,078	311,915	262,232	197,443
August.....	93,646	335,245	308,201	241,037	193,266
September.....	99,732	331,387	299,531	207,643	191,097
October.....	106,943	329,088	296,236	200,310	201,255
November.....	108,771	328,647	292,096	196,990	201,186
December.....	108,350	321,977	287,041	193,141	200,130

FEMALE					
	No.	No.	No.	No.	No.
January.....	3,849	49,103	55,985	39,130	11,314
February.....	3,840	50,769	55,042	39,212	11,267
March.....	3,837	52,574	53,891	38,600	11,298
April.....	3,815	52,384	52,267	37,058	11,398
May.....	3,829	52,752	51,520	35,738	11,551
June.....	3,657	53,478	51,082	33,294	11,586
July.....	3,595	49,445	51,280	29,272	11,228
August.....	3,667	55,194	50,775	23,349	11,019
September.....	4,205	57,327	47,755	15,524	11,031
October.....	4,610	58,555	45,469	13,886	11,256
November.....	4,431	58,208	42,886	12,964	11,504
December.....	4,335	55,634	38,919	12,011	11,204

ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Non-Ferrous Metal Products—					
January.....	33,086	91,024	92,521	78,929	65,485
February.....	32,850	91,689	91,467	78,640	66,708
March.....	33,194	91,801	90,427	77,792	66,622
April.....	33,361	91,409	89,527	77,513	68,279
May.....	33,874	91,795	88,192	74,871	68,698
June.....	34,427	91,742	89,037	72,560	68,777
July.....	34,830	92,836	87,367	70,462	67,308
August.....	35,361	93,463	85,868	67,261	67,554
September.....	36,485	94,225	83,821	64,208	64,179
October.....	37,442	94,785	84,046	64,528	65,546
November.....	38,012	94,928	83,731	64,933	73,710
December.....	37,534	94,308	80,292	64,355	73,773

MALE					
	No.	No.	No.	No.	No.
January.....	28,946	68,718	65,959	55,837	49,088
February.....	28,722	69,222	64,743	55,844	50,272
March.....	28,973	68,991	63,535	55,402	50,325
April.....	29,133	68,203	62,841	54,873	51,894
May.....	29,448	68,203	61,703	53,468	52,320
June.....	29,662	67,857	62,243	52,308	52,385
July.....	29,870	68,172	61,358	51,017	51,304
August.....	30,227	68,025	60,496	48,896	51,382
September.....	31,101	67,679	58,672	47,363	48,857
October.....	31,816	67,371	58,603	47,700	50,077
November.....	32,262	68,068	58,558	47,952	56,334
December.....	32,111	67,317	56,724	48,015	56,658

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months,
Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
FEMALE					
Non-Ferrous Metal Products—concl.	No.	No.	No.	No.	No.
January.....	4,140	22,306	25,562	23,092	16,397
February.....	4,128	22,467	26,724	22,796	16,436
March.....	4,221	22,810	26,892	22,390	16,297
April.....	4,228	23,206	26,686	22,640	16,385
May.....	4,426	23,592	26,489	21,403	16,378
June.....	4,765	23,885	26,794	20,252	16,392
July.....	4,960	24,664	26,009	19,445	16,004
August.....	5,134	25,438	25,372	18,365	16,172
September.....	5,384	26,546	25,149	16,845	15,322
October.....	5,626	27,414	25,443	16,828	15,469
November.....	5,750	26,860	25,173	16,981	17,376
December.....	5,423	26,991	23,568	16,340	17,115
ALL WAGE-EARNERS					
Non-Metallic Mineral Products—	No.	No.	No.	No.	No.
January.....	15,780	25,144	25,814	25,317	27,949
February.....	15,563	24,722	25,902	25,718	28,195
March.....	16,128	24,867	25,965	25,984	29,056
April.....	17,276	25,184	26,075	26,391	30,320
May.....	19,265	25,278	26,494	26,749	31,440
June.....	20,294	25,943	26,946	27,327	32,170
July.....	20,602	26,538	27,004	27,644	32,026
August.....	20,584	26,348	26,581	27,748	31,374
September.....	20,228	25,881	26,025	27,432	30,729
October.....	19,586	25,660	25,947	28,002	31,527
November.....	18,908	25,933	25,897	28,099	31,915
December.....	17,648	25,601	25,257	27,319	31,168
MALE					
	No.	No.	No.	No.	No.
January.....	15,241	22,571	22,705	22,237	25,401
February.....	15,050	22,176	22,679	22,569	25,530
March.....	15,590	22,214	22,737	22,726	26,362
April.....	16,731	22,435	22,837	23,087	27,611
May.....	18,584	22,507	23,278	23,410	28,714
June.....	19,560	23,057	23,615	23,992	29,486
July.....	19,900	23,501	23,685	24,330	29,378
August.....	19,852	23,229	23,280	24,503	28,911
September.....	19,494	22,716	22,815	24,301	28,413
October.....	18,900	22,605	22,744	24,966	29,172
November.....	18,339	22,779	22,721	25,145	29,397
December.....	17,010	22,494	22,160	24,511	28,761
FEMALE					
	No.	No.	No.	No.	No.
January.....	539	2,573	3,109	3,080	2,548
February.....	513	2,546	3,223	3,149	2,665
March.....	538	2,653	3,228	3,258	2,694
April.....	545	2,749	3,238	3,304	2,709
May.....	651	2,771	3,216	3,339	2,726
June.....	734	2,886	3,331	3,335	2,684
July.....	702	3,037	3,310	3,314	2,648
August.....	732	3,119	3,301	3,245	2,463
September.....	734	3,165	3,210	3,131	2,316
October.....	686	3,055	3,203	3,036	2,355
November.....	647	3,154	3,176	2,954	2,518
December.....	638	3,107	3,097	2,808	2,407

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—continued

Month	1939	1943	1944	1945	1946
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Chemicals and Allied Products—					
January.....	13,724	79,461	68,780	64,693	26,290
February.....	13,760	78,983	67,533	64,571	26,741
March.....	14,039	79,239	67,121	64,487	27,190
April.....	14,459	78,434	65,810	62,405	27,332
May.....	14,794	77,073	66,140	56,439	27,342
June.....	14,094	74,645	66,835	47,282	27,387
July.....	14,017	72,935	67,406	42,074	27,041
August.....	14,383	72,657	68,193	37,146	27,045
September.....	15,145	72,294	67,334	33,486	26,759
October.....	15,694	72,564	67,356	31,922	27,415
November.....	15,837	72,439	67,385	30,281	27,821
December.....	15,504	70,880	64,623	29,347	27,462
MALE					
	No.	No.	No.	No.	No.
January.....	10,706	48,836	42,006	41,008	19,112
February.....	10,767	48,246	41,217	41,098	19,591
March.....	10,971	47,927	40,901	41,173	20,063
April.....	11,358	46,967	40,016	40,039	20,307
May.....	11,659	46,060	40,177	37,179	20,368
June.....	10,943	44,776	41,000	32,511	20,327
July.....	10,953	43,878	41,362	29,634	20,044
August.....	11,145	43,705	41,540	26,416	20,013
September.....	11,788	43,166	40,539	23,743	19,718
October.....	12,131	43,207	40,697	22,870	20,177
November.....	12,249	43,722	41,428	21,806	20,491
December.....	12,187	43,567	41,203	21,564	20,455
FEMALE					
	No.	No.	No.	No.	No.
January.....	3,018	30,625	26,774	23,685	7,178
February.....	2,993	30,737	26,316	23,473	7,150
March.....	3,068	31,312	26,220	23,314	7,127
April.....	3,101	31,467	25,794	22,366	7,025
May.....	3,135	31,013	25,963	19,260	6,974
June.....	3,151	29,869	25,835	14,771	7,060
July.....	3,064	29,057	26,044	12,440	6,997
August.....	3,238	28,952	26,653	10,730	7,032
September.....	3,357	29,128	26,795	9,743	7,041
October.....	3,563	29,357	26,659	9,052	7,238
November.....	3,588	28,717	25,957	8,475	7,330
December.....	3,317	27,313	23,420	7,783	7,007
ALL WAGE-EARNERS					
	No.	No.	No.	No.	No.
Miscellaneous Industries—					
January.....	8,606	18,762	19,266	19,567	16,253
February.....	8,745	18,906	19,448	19,726	16,599
March.....	9,112	18,982	19,539	19,858	17,044
April.....	9,219	18,983	19,680	19,852	17,049
May.....	9,402	19,218	19,807	19,840	17,214
June.....	9,469	19,820	20,318	20,192	17,703
July.....	9,257	19,332	19,734	19,653	17,556
August.....	9,657	19,878	19,735	19,658	17,562
September.....	9,849	19,791	19,128	18,663	17,708
October.....	9,958	19,717	19,353	18,303	18,147
November.....	9,900	19,765	19,574	18,446	18,413
December.....	9,274	19,427	19,102	18,000	17,569

25.—Wage-Earners Employed in the Manufacturing Industries of Canada, by Months, Sex and Industrial Groups, Significant years, 1939-46—concluded

Month	1939	1943	1944	1945	1946
MALE					
Miscellaneous Industries—concluded	No.	No.	No.	No.	No.
January.....	6,444	11,410	11,348	11,637	10,140
February.....	6,489	11,468	11,495	11,689	10,354
March.....	6,700	11,539	11,457	11,690	10,579
April.....	6,805	11,421	11,563	11,681	10,635
May.....	7,029	11,475	11,637	11,710	10,859
June.....	7,104	11,907	12,087	11,980	11,168
July.....	6,995	11,717	11,883	11,828	11,195
August.....	7,209	11,977	11,889	12,018	11,185
September.....	7,281	11,643	11,333	11,435	11,285
October.....	7,277	11,510	11,399	11,202	11,345
November.....	7,235	11,521	11,473	11,378	11,555
December.....	6,822	11,420	11,374	11,321	11,186
FEMALE					
	No.	No.	No.	No.	No.
January.....	2,162	7,352	7,918	7,930	6,113
February.....	2,256	7,438	7,953	8,037	6,245
March.....	2,412	7,443	8,082	8,168	6,465
April.....	2,414	7,562	8,117	8,171	6,414
May.....	2,373	7,743	8,170	8,130	6,355
June.....	2,365	7,913	8,231	8,212	6,535
July.....	2,262	7,615	7,851	7,825	6,361
August.....	2,448	7,901	7,846	7,640	6,377
September.....	2,568	8,148	7,795	7,228	6,423
October.....	2,681	8,207	7,954	7,101	6,802
November.....	2,665	8,244	8,101	7,068	6,858
December.....	2,452	8,007	7,728	6,679	6,383

Hours Worked by Wage-Earners.—From 1932, the first year for which figures on hours worked per week by wage-earners are available, to 1945, each firm was required to report the number of hours worked by all its wage-earners during the month in which the greatest number had been employed, the only exception being the years 1938 and 1939 when one week in a month of normal employment was reported. In 1938 the number of hours worked per week were compiled by sex, and a change was also made in the analysis of the weekly hours worked. Since 1940 the hours worked per week include overtime while prior to that overtime was excluded. These changes make it impossible to measure accurately the changes in the number of hours worked per week. In any case, the figures in Table 26 do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all firms. For a given industry, however, the month of highest employment is more significant as in this case it coincides for a great number of firms engaged in the same industry.

For all wage-earners, the hours worked per week declined from 48.9 in 1932 to 47.2 in 1939, and reached 50.6 in 1941, some of the increase no doubt being due to the inclusion of overtime. Since then there was a counter movement in the hours worked, especially among females, due to the employment of many workers on a part-time basis. Whereas in 1939 there were only 2.8 p.c. of male and 5.3 p.c. of female wage-earners working under 30 hours per week, in 1944 these percentages rose to 5.3 and 12.5 respectively. Since the end of the war the normal working week has been dropping steadily. In 1945 average hours per week for male wage-earners totalled 47.6 and for females 42.7.

The method of collecting statistics on hours worked was changed for 1946. Instead of collecting this information for one week in the month of highest employment which varied from plant to plant, the last week in November was chosen for the base period. The question on hours worked was taken out of the annual schedules used in connection with the census of manufactures and this information is now collected by the Employment Statistics Branch. Establishments employing 15 hands or over only are covered. The statistics for 1946 are therefore not exactly comparable with those for earlier years which include all establishments, both large and small. In 1946 average hours worked per week totalled 43.7, 44.9 for males and 40.0 for females.

26.—Wage-Earners in Manufacturing, Working Specified Numbers of Hours¹ per Week in the Month of Highest Employment, 1938-45

NOTE.—Hours worked per week in 1932-37 are given at p. 386 of the 1942 edition of the Canada Year Book; in 1940 at p. 392 of the 1943-44 edition.

Hours Worked per Week	1938	1939	1942	1943	1944	1945
ALL WAGE-EARNERS						
	No.	No.	No.	No.	No.	No.
30 or less.....	24,073	19,849	48,714	74,406	87,817	79,398
31-43.....	99,125	85,597	98,200	128,755	151,280	174,378
44.....	83,763	81,128	88,049	88,964	112,840	130,536
45-47.....	66,268	64,031	80,613	100,861	108,585	116,431
48.....	121,625	130,506	244,899	248,083	245,024	230,175
49-50.....	62,294	65,822	105,434	115,606	116,473	105,331
51-54.....	39,596	46,165	147,229	151,231	128,580	90,411
55.....	20,575	24,316	63,702	62,701	51,965	34,748
56-64.....	60,755	61,067	193,297	176,730	140,295	81,517
65 or over.....	8,755	8,478	73,590	60,665	46,046	33,571
Totals, Wage-Earners.....	586,829	586,959	1,143,727	1,208,002	1,188,905	1,076,496
Average Hours per Week.....	46.7	47.2	50.2	48.8	47.5	46.2
MALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	15,439	12,868	30,166	39,985	45,414	41,111
31-43.....	75,842	64,780	59,146	68,530	83,293	100,446
44.....	59,983	57,667	58,342	53,563	76,141	89,623
45-47.....	47,877	45,703	47,403	62,701	67,306	75,391
48.....	97,287	103,636	182,783	185,913	182,798	175,116
49-50.....	45,981	48,378	70,870	75,975	80,878	77,019
51-54.....	33,744	37,439	106,657	114,739	100,621	72,781
55.....	16,493	19,766	48,996	49,194	42,214	28,910
56-64.....	56,171	56,837	171,775	158,657	128,751	74,043
65 or over.....	8,224	8,036	67,776	56,837	42,618	31,311
Totals, Male Wage-Earners.....	457,041	455,110	843,914	866,094	850,034	765,751
Average Hours per Week.....	47.3	48.1	51.3	50.4	49.1	47.6
FEMALE						
	No.	No.	No.	No.	No.	No.
30 or less.....	8,634	6,981	18,548	34,421	42,403	38,287
31-43.....	23,283	20,817	39,054	60,225	67,987	73,932
44.....	23,780	23,461	29,707	35,401	36,699	40,913
45-47.....	18,391	18,328	33,210	38,160	41,279	41,040
48.....	24,338	26,870	62,116	62,170	62,226	55,059
49-50.....	16,313	17,444	34,564	39,631	35,595	28,312
51-54.....	5,852	8,726	40,572	36,492	27,959	17,630
55.....	4,082	4,550	14,706	13,507	9,751	5,838
56-64.....	4,584	4,230	21,522	18,073	11,544	7,474
65 or over.....	531	442	5,814	3,828	3,428	2,260
Totals, Female Wage-Earners.....	129,788	131,849	299,813	341,908	338,871	310,745
Average Hours per Week.....	41.6	45.2	46.9	44.8	43.6	42.7

¹For 1938 and 1939, the hours worked do not include overtime, while for 1940 to 1945 overtime is included.

27.—Wage-Earners in Manufacturing Working Specified Numbers of Hours During the Last Week in November, 1946¹.

Hours Worked per Week	All Wage-Earners	Male	Female
	p.c.	p.c.	p.c.
30 or less.....	6.7	4.7	13.1
31-39.....	10.8	8.0	19.7
40.....	9.9	9.6	10.8
41-43.....	11.5	10.6	14.6
44.....	10.3	10.7	8.9
45-47.....	18.2	18.8	16.1
48.....	13.7	15.8	7.1
49-50.....	6.6	7.1	5.0
51-54.....	5.4	6.3	2.5
55.....	1.6	1.9	0.9
56-64.....	4.4	5.4	1.2
65 or over.....	0.9	1.1	0.1
	100.0	100.0	100.0
Average Hours per Week.....	43.7	44.9	40.0

1. Includes only establishments employing 15 hands or over.

Subsection 3.—Salaries and Wages in Manufacturing Industries

In 1946 the 31,249 establishments covered employed 181,006 salaried employees and 877,150 wage-earners, a total of 1,058,156 persons. Out of every 1,000 persons employed in manufacturing 171 were classed as salary earners and 829 as wage-earners; the former earned 23.6 p.c. and the latter 76.4 p.c. of the total amount paid out as remuneration for services.

A notable feature during the past few years was the reduction in the disparity between average annual salaries and wages. Whereas in 1939 average annual wages were only 55.8 p.c. of average annual salaries, in 1943 the percentage rose to 75.8 and declined to 66.8 in 1946. This tendency towards equalization was, in part, due to the controls adopted by the Government during the war years which tended to stabilize salaries more so than wages. The increase in average wages was also influenced by the fact that large numbers of wage-earners were employed in the highly paid iron and steel industries and by the increase in number of hours worked, some of it at overtime pay.

Ontario has a larger proportion of females among its salaried employees than the other provinces. The same situation prevails in Quebec with regard to wage-earners, due, no doubt, to the textile industries of the Province. The importance of the textile industries in providing employment to females is strikingly illustrated by the fact that of all female wage-earners engaged in the manufacturing industries of Canada in 1946, 40.0 p.c. were found in the textile group. Normally the percentage is much higher. During the war large numbers of female wage-earners were employed in the aircraft and miscellaneous chemical industries. For this reason the percentage employed in the textile industries during these years declined.

The average salary in 1946 amounted to \$2,270 which was \$524 or 30 p.c. higher than in 1939. Salaried employees in Ontario with \$2,356 received the highest salary. Quebec was second with \$2,297, British Columbia third with \$2,290 and Manitoba fourth with \$2,090. The fact that head offices of many large corporations are located in Montreal, Toronto, Winnipeg and Vancouver tends to raise the average salaries in the provinces in which these cities are located.

The average wage in 1946 amounted to \$1,516 which was \$541 or 55.5 p.c. higher than in 1939. The manufacturing industries of British Columbia paid the highest average wage of \$1,750, followed by Ontario with \$1,552, Manitoba \$1,491, Alberta \$1,477, Saskatchewan \$1,455, Quebec \$1,445, etc. The high figures shown for Yukon and Northwest Territories in regard to average wages are due to the unusual conditions under which industry is carried on in these regions and are not representative. Statistics of the distribution of employees by provinces and groups as well as average annual earnings are given in Table 28.

28.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years, 1917-45

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
1917		64,918	85,353,667	1,315		541,605	412,448,177	762
1920		78,334	141,837,361	1,811		520,559	575,656,515	1,106
1922		71,586	129,836,831	1,811		384,670	359,560,399	935
1924	54,379	15,641	130,344,822	1,857	322,719	94,871	404,122,853	968
1926	58,245	17,092	142,353,900	1,897	374,244	109,580	483,328,342	999
1929	67,731	21,116	175,553,710	1,966	454,768	122,922	601,737,507	1,042
1930	61,161	20,556	169,992,216	2,000	416,790	113,195	527,563,162	995
1931	71,198	20,293	172,289,095	1,883	337,636	99,513	415,277,895	950
1932	68,264	18,786	151,355,790	1,738	288,817	92,966	322,245,926	844
1933	67,875	18,761	139,317,946	1,608	287,266	94,756	296,929,878	777
1934	71,963	20,132	148,760,126	1,615	326,598	101,119	355,090,929	830
1935	76,213	21,711	160,455,080	1,638	353,790	104,944	399,012,697	870
1936	81,409	23,094	173,198,057	1,659	379,977	109,965	438,873,377	896
1937	91,092	24,735	195,983,475	1,692	427,285	117,339	525,743,562	965
1938	95,276	25,319	207,386,381	1,719	409,172	112,255	498,282,208	956
1939	98,165	26,607	217,839,334	1,746	415,488	117,854	519,971,819	975
1940	104,267	31,493	241,599,761	1,780	491,439	135,045	679,273,104	1,084
1941	117,251	41,693	286,336,861	1,801	626,825	175,409	978,525,782	1,220
1942	123,125	54,062	334,870,793	1,890	732,319	242,585	1,347,934,049	1,383
1943	128,679	64,516	388,857,505	2,012	762,854	285,019	1,598,434,879	1,525
1944	126,858	65,700	418,065,594	2,171	744,635	285,639	1,611,555,776	1,564
1945	128,601	62,106	417,857,619	2,191	680,620	248,045	1,427,915,830	1,538
PROVINCES, 1946								
Prince Edward Island.....	300	76	394,735	1,050	908	471	1,256,734	911
Nova Scotia.....	2,971	905	6,931,360	1,788	22,193	3,655	36,128,899	1,398
New Brunswick.....	2,390	791	5,978,530	1,879	15,947	3,604	27,173,389	1,390
Quebec.....	42,251	16,180	134,254,799	2,297	211,169	87,676	431,731,306	1,445
Ontario.....	59,899	29,558	210,784,299	2,356	310,972	97,691	634,432,248	1,552
Manitoba.....	4,634	1,746	13,335,733	2,090	24,300	7,687	47,682,612	1,491
Saskatchewan.....	2,100	723	4,668,247	1,654	7,803	1,331	13,288,070	1,455
Alberta.....	3,343	1,116	8,079,023	1,812	14,995	3,195	26,860,065	1,477
British Columbia.....	9,097	2,906	26,410,403	2,200	54,351	9,130	111,096,242	1,750
Yukon and Northwest Territories.....	17	3	38,647	1,932	61	11	161,913	2,249
Totals, 1946.....	127,002	54,004	410,875,776	2,270	662,699	214,451	1,329,811,478	1,516

¹The averages of wage-earners and earnings for the years 1931 to 1945 are strictly comparable with those for the years up to 1925 but not with those for the intervening years. The figures for the latest years—as for the earliest—represent the earnings for complete man-years of work, with no allowance for periods of unemployment. The difference amounts only to about 3 or 4 p.c. in the total figures and affects chiefly the seasonal industries.

²The increase in the number of salaried employees in 1931 is due to the following changes in method: (1) Prior to 1931 working proprietors, such as bakers, sawmill operators, small clothing manufacturers, etc., were required to report themselves as wage-earners. In 1931 and subsequent years, however, all such proprietors reported themselves as salaried employees. (2) In 1931 travelling salesmen who were attached to the plant, and devoted all or the greater part of their time to selling the products of that plant, were included with salaried employees. Prior to this they were not reported at all.

³For statistics of annual earnings of wage-earners by sex, see tables 33 and 34.

28.—Salaries and Wages Paid in Manufacturing Industries, by Provinces and Industrial Groups, 1946, with Totals for Significant Years, 1917-45—concluded

Year	Salaries				Wages			
	Salaried Employees		Total Salaries	Average Salaries	Wage-Earners		Total Wages	Average Wages
	Male	Female			Male	Female		
	No.	No.	\$	\$	No.	No.	\$	\$
INDUSTRIAL GROUP, 1946								
Vegetable products.....	17,619	7,416	54,503,739	2,177	75,225	36,910	152,389,942	1,359
Animal products.....	13,015	4,917	35,996,105	1,957	60,736	24,176	116,421,732	1,371
Textiles and textile products.....	12,316	7,489	52,963,765	2,344	58,904	86,028	175,654,618	1,212
Wood and paper products.....	32,563	10,848	87,885,651	2,660	157,113	21,531	278,664,211	1,543
Iron and its products.....	26,923	11,247	95,171,156	2,396	199,762	11,347	380,641,787	1,803
Non-ferrous metal products.....	11,297	5,485	40,196,279	2,395	51,754	16,317	110,169,899	1,618
Non-metallic mineral products.....	4,347	1,457	13,086,515	2,254	28,119	2,568	50,762,125	1,654
Chemicals and allied products.....	6,373	3,728	24,072,730	2,382	20,077	7,100	42,465,807	1,563
Miscellaneous industries....	2,519	1,385	9,000,156	2,305	11,003	6,474	22,641,365	1,295

29.—Salaries and Wages Paid in the Forty Leading Industries, 1946, with Comparative Figures of Average Salaries and Wages Paid in 1945

(Industries ranked according to the aggregate salaries and wages paid)

Industry	Salaries						Wages					
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages			
	Male	Female		1946	1945	Male	Female		1946	1945		
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$		
1 Pulp and paper.....	5,245	1,665	20,959,990	3,033	2,803	37,262	795	80,404,646	2,113	1,873		
2 Electrical apparatus and supplies.....	6,615	3,488	22,888,167	2,553	1,365	1,445	51,922,016	1,522	1,576			
3 Sawmills.....	8,901	517	8,343,188	2,071	1,265	744	35,467,772	1,396	1,280			
4 Railway rolling-stock.....	1,772	271	5,353,742	2,456	1,063	129	52,891,721	1,979	1,986			
5 Primary iron and steel.....	1,814	815	7,349,622	2,346	2,173	94	45,102,538	1,998	1,907			
6 Machinery.....	4,231	1,971	14,369,671	2,316	2,140	19,824	977	35,877,153	1,725	1,663		
7 Clothing, women's factory.....	2,819	1,821	12,442,967	2,168	1,344	3,737	13,789	32,544,311	1,285	1,199		
8 Automobiles.....	2,332	995	9,404,030	2,827	2,762	18,189	131	34,564,742	1,887	2,365		
9 Bread and other bakery products.....	3,618	1,228	8,169,704	1,686	1,547	18,094	6,913	34,817,497	1,360	1,275		
10 Shipbuilding and repairs.....	1,430	498	5,120,743	2,656	2,310	18,141	177	35,854,988	1,957	2,046		
11 Slaughtering and meat-packing.....	3,047	1,171	9,630,818	2,283	2,123	14,983	3,335	30,682,207	1,675	1,630		
12 Printing and publishing.....	6,543	3,492	19,567,211	1,950	1,896	9,473	1,954	20,279,097	1,775	1,705		
13 Clothing, men's factory.....	2,505	1,323	10,200,478	2,082	2,093	7,098	16,021	27,814,354	1,150	1,137		
14 Rubber goods, incl. rubber footwear.....	3,038	1,464	10,306,594	2,289	2,173	12,739	4,814	27,506,769	1,567	1,558		
15 Castings, iron.....	1,262	561	4,575,379	2,465	2,405	14,093	276	26,806,656	1,779	1,809		
16 Non-ferrous metal smelting and refining.....	1,800	488	6,277,577	2,805	2,478	12,239	69	24,370,784	1,980	1,928		
17 Printing and book-binding.....	3,129	1,349	9,350,083	2,088	2,031	9,842	5,056	20,869,556	1,400	1,322		
18 Hosiery and knitted goods.....	1,353	1,026	5,852,777	2,455	2,201	7,444	15,115	24,357,936	1,080	1,002		
19 Cotton yarn and cloth.....	798	533	3,472,978	2,609	2,396	11,610	7,721	25,617,365	1,325	1,225		
20 Boots and shoes, leather.....	1,775	756	5,927,142	2,344	2,341	11,788	8,129	21,099,164	1,196	1,077		
21 Butter and cheese.....	3,809	1,549	7,288,680	1,366	1,286	15,022	1,289	21,379,552	1,494	1,424		
22 Furniture.....	1,999	941	5,582,381	2,112	2,072	15,168	1,406	22,631,312	1,365	1,281		
23 Automobile supplies.....	1,617	763	6,059,425	2,513	2,441	11,058	1,880	21,732,163	1,981	1,817		
24 Sheet metal products.....	1,809	834	5,962,177	2,256	2,223	11,654	2,561	21,612,106	1,920	1,513		
25 Hardware, tools and cutlery.....	1,540	918	5,010,412	2,416	2,421	10,784	2,096	21,248,981	1,588	1,162		
26 Agricultural implements.....	1,611	707	5,436,844	2,345	2,104	11,304	244	20,038,264	1,735	1,739		

29.—Salaries and Wages Paid in the Forty Leading Industries, 1946, with Comparative Figures of Average Salaries and Wages Paid in 1945—concluded

Industry	Salaries					Wages				
	Salaried Employees		Total Salaries	Average Salaries		Wage-Earners		Total Wages	Average Wages	
	Male	Female		1946	1945	Male	Female		1946	1945
	No.	No.	\$	\$	\$	No.	No.	\$	\$	\$
27 Aircraft	2,322	925	8,019,265	2,470	2,282	7,809	349	16,439,820	2,015	2,211
28 Planing mills, sash and door factories	1,959	424	4,072,002	1,709	1,690	11,409	220	15,556,777	1,338	1,253
29 Fruit and vegetable preparations	1,439	759	4,126,509	1,877	1,815	7,521	6,654	15,042,269	1,061	1,001
30 Silk and artificial silk.	872	523	3,782,939	2,712	2,558	7,474	4,231	15,107,182	1,291	1,212
31 Brass and copper products	1,160	596	4,572,900	2,604	2,567	7,151	1,345	13,852,824	1,630	1,829
32 Breweries	1,233	319	4,880,558	3,145	2,935	6,798	294	12,863,191	1,814	1,787
33 Biscuits, confectionery, cocoa, etc.	1,266	685	4,581,029	2,348	2,284	4,677	6,415	12,070,461	1,088	1,013
34 Boxes and bags, paper.	1,020	596	4,169,569	2,580	2,486	5,159	5,200	12,307,088	1,188	1,111
35 Petroleum products	1,091	225	3,558,771	2,704	2,619	5,749	80	11,290,370	1,937	1,918
36 Fish curing and packing	1,166	232	2,156,716	1,543	1,577	7,183	2,746	11,643,093	1,173	1,039
37 Woollen cloth	573	348	2,484,855	2,698	2,711	4,935	4,057	11,182,029	1,243	1,189
38 Heating and cooking apparatus	688	376	2,509,805	2,359	2,060	6,478	283	10,517,799	1,556	1,603
39 Flour and feed mills	1,684	467	3,804,180	1,769	1,636	5,604	281	9,093,980	1,545	1,456
40 Medicinal and pharmaceutical preparations	1,410	1,192	6,412,825	2,465	2,194	2,314	2,754	6,419,348	1,267	1,157
Totals, Forty Leading Industries	93,443	38,552	295,192,411	2,236	(—)	502,618	119,960	1,010,168,914	1,548	(—)
Grand Totals, All Industries	127,002	54,004	410,875,776	2,270	2,191	662,699	214,451	1,329,811,478	1,516	1,538

Average Annual Earnings in the Forty Leading Industries.—In only two industries, breweries and pulp and paper, were average salaries above \$3,000. In fourteen others they ranged between \$2,500 and \$3,000. These industries, in descending order, were: automobiles, primary iron and steel, non-ferrous metal smelting and refining, silk and artificial silk, petroleum products, woollen cloth, men's factory clothing, women's factory clothing, shipbuilding and repairs, railway rolling-stock, cotton yarn and cloth, brass and copper products, boxes and bags, paper, and automobile supplies. In sixteen others they ranged between \$2,000 and \$2,500, while in the remaining eight they were below \$2,000. The sawmill and butter and cheese industries with \$974 and \$1,363 respectively were the lowest paying industries in this category.

The highest annual wage, those above \$1,800, were paid in nine industries, in all of which the proportion of skilled workers is high and the proportion of female workers is low. The pulp and paper industry with \$2,113 was the highest in this group, followed by aircraft with \$2,015, primary iron and steel \$1,998, non-ferrous metal smelting and refining \$1,980, railway rolling-stock \$1,979, shipbuilding \$1,957, petroleum products \$1,937, automobiles \$1,887 and breweries \$1,814. In thirteen other industries average wages ranged between \$1,500 and \$1,800, in eleven others they were \$1,200 to \$1,500, while in the remaining seven they were below \$1,200. This latter group includes industries made up of a large number of small establishments and in which the proportion of female workers is high. Paper boxes and bags, fish curing and packing, leather boots and shoes, men's factory clothing, biscuits and confectionery, hosiery and knitted goods, and fruit and vegetable preparations are the industries included in this group. Employment by sex and average annual earnings in the forty leading industries is given in Table 29.

Average Annual, Weekly and Hourly Earnings.—In comparing earnings by provinces or groups, consideration should be given to the type of industries in each case since the distribution of industries has very definitely a regional significance. In some industries a labour force possessing deftness and speed or the ability to exercise muscular strength is necessary, in others the labour force must exercise craftsmanship or possess a high degree of technical knowledge. Workers in these latter industries naturally command relatively higher wages than those employed in industries whose employees are routine workers.

The ranking of provinces and industries as regards annual earnings is in many cases different to that of weekly or hourly earnings since the factors of number of weeks worked per year and number of hours worked per week enter into the picture. So that, while in general the same observations apply, a close study of the differences between the averages shown in Tables 28 and 29 will be of value to the student.

The figures for the years 1934 to 1945 given in Tables 30 to 34 are based on an analysis of a pay-list covering one week in the month of highest employment. For this reason the figures do not refer to any particular month, since the month of highest employment might be May for one firm and October for another; they represent the summation of the different months of highest employment as reported by all the firms. For a particular industry, however, the month of highest employment is more significant as in such case it coincides for a great number of firms engaged in the same industry. The figures for 1946 are based on returns received from establishments employing 15 hands or and over and refer to the last week in the month of November.

Average weekly earnings of male wage-earners for manufacturing as a whole amounted to \$36.23 in 1946, an increase of \$14.00 or 63.0 p.c. as compared with 1939. Average hourly earnings advanced from 46.2 cents in 1939 to 80.7 cents in 1946, an increase of 74.4 p.c. Annual earnings at \$1,702 were 58.2 p.c. higher.

Female wage-earners received on an average \$20.08 per week in 1946, an increase of \$7.30 or 57.1 p.c. as compared with 1939. Hourly earnings at 50.2 cents were 77.3 p.c. higher, while annual earnings at \$943 were 52.3 p.c. higher.

30. Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries of Canada, 1934-46¹

Year	Average Earnings			Hours Worked per week
	Annual	Weekly	Hourly	No.
	\$	\$	\$	
ALL WAGE-EARNERS				
1934.....	830	18-30	0-372	49-2
1935.....	870	18-50	0-380	48-7
1936.....	896	18-96	0-389	48-7
1937.....	965	2	2	48-8
1938.....	956	19-49	0-417	46-7
1939.....	975	20-14	0-427	47-2
1940.....	1,084	22-35	0-446	50-1
1941.....	1,220	24-95	0-494	50-5
1942.....	1,383	28-18	0-561	50-2
1943.....	1,525	29-87	0-612	48-8
1944.....	1,564	31-05	0-654	47-5
1945.....	1,538	30-98	0-669	46-3
1946.....	1,516	32-38	0-741	43-7

¹For footnotes, see end of table, p. 64.

30.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners, Employed in the Manufacturing Industries of Canada, 1934-46³—concluded

Year	Average Earnings			Hours Worked per week
	Annual	Weekly	Hourly	No.
	\$	\$	\$	
MALE				
1934	930	20.31	0.407	49.9 ¹
1935	966	20.41	0.413	49.4 ¹
1936	995	20.92	0.423	49.4 ¹
1937	²	²	²	²
1938	1,055	21.49	0.454	47.3
1939	1,076	22.23	0.462	48.1
1940	1,202	24.83	0.488	50.9
1941	1,355	27.72	0.538	51.5
1942	1,558	31.75	0.619	51.3
1943	1,726	33.80	0.671	50.4
1944	1,761	34.95	0.712	49.1
1945	1,739	35.04	0.736	47.6
1946 ⁴	1,702	36.23	0.807	44.9
FEMALE				
1934	539	11.80	0.251	46.9 ¹
1935	570	12.04	0.259	46.5 ¹
1936	577	12.20	0.262	46.5 ¹
1937	²	²	²	²
1938	594	12.10	0.271	44.6
1939	619	12.78	0.283	45.2
1940	655	13.52	0.286	47.3
1941	736	15.05	0.316	47.6
1942	854	17.41	0.371	46.9
1943	987	19.33	0.431	44.8
1944	1,051	20.89	0.479	43.6
1945	984	19.84	0.465	42.7
1946 ⁴	943	20.08	0.502	40.0

¹ Estimated on the basis of hours worked by female wage-earners in 1938 and 1939 as compared with those worked by male wage-earners in those years.

² Not available.

³ Butter and cheese factories and fish curing and packing plants are excluded in the years 1938 to 1945, while sawmills are also excluded in 1945. By including sawmills, weekly earnings in 1945 would have been about \$34.35 for male wage-earners.

⁴ Based on weekly earnings and hours worked in the last week of November by establishments employing 15 hands or over.

31.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46

Province	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Prince Edward Island—				
1938	484	8.49	16.2	52.7
1939	506	11.59	23.3	49.6
1940	553	13.67	26.0	52.1
1941	559	15.19	29.5	51.3
1942	613	15.94	30.9	51.5
1943	817	23.14	32.0	55.3
1944	952	23.63	43.6	53.0
1945	894	25.34	50.1	50.6
1946	911	21.51	46.2	46.3
Nova Scotia—				
1938	853	16.31	32.4	50.2
1939	869	17.80	34.9	50.9
1940	960	19.01	36.3	52.4
1941	1,076	22.53	42.6	52.7
1942	1,295	26.84	49.0	52.6
1943	1,456	29.80	57.5	51.5
1944	1,570	31.84	64.1	49.5
1945	1,519	31.85	67.1	47.3
1946	1,398	31.44	68.8	45.7

31.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46—concluded

Province	Annual	Weekly	Hourly	Hours worked per week
New Brunswick—	\$	\$	cents	No.
1938.....	818	15.20	30.6	49.3
1939.....	827	17.11	34.2	49.9
1940.....	955	19.40	37.1	52.1
1941.....	1,021	21.30	39.7	53.3
1942.....	1,129	22.56	43.1	52.1
1943.....	1,241	24.35	47.2	51.1
1944.....	1,330	26.78	53.1	50.0
1945.....	1,362	27.59	57.0	48.9
1946.....	1,390	30.54	66.4	46.0
Quebec—				
1938.....	853	17.26	36.1	47.6
1939.....	873	17.81	37.0	47.8
1940.....	974	19.93	39.1	50.6
1941.....	1,103	22.78	43.8	51.5
1942.....	1,259	25.82	49.7	51.3
1943.....	1,424	28.07	55.2	50.2
1944.....	1,473	29.59	59.4	49.3
1945.....	1,463	31.55	60.9	48.0
1946.....	1,445	30.51	67.2	45.4
Ontario—				
1938.....	1,008	20.81	44.9	46.1
1939.....	1,026	21.60	45.9	46.9
1940.....	1,153	23.98	47.4	50.3
1941.....	1,309	26.19	51.5	50.5
1942.....	1,463	29.27	58.5	49.7
1943.....	1,591	30.45	62.9	47.9
1944.....	1,618	31.61	67.5	46.3
1945.....	1,577	31.37	68.8	45.1
1946.....	1,552	33.26	77.7	42.8
Manitoba—				
1938.....	1,034	22.00	49.5	44.2
1939.....	1,068	21.59	48.7	44.3
1940.....	1,088	22.38	46.3	48.1
1941.....	1,181	24.32	50.1	48.3
1942.....	1,298	25.92	52.8	48.7
1943.....	1,370	26.99	56.0	47.7
1944.....	1,452	28.25	61.0	45.9
1945.....	1,464	28.69	63.1	45.1
1946.....	1,491	31.16	72.8	42.8
Saskatchewan—				
1938.....	1,037	19.84	41.3	47.9
1939.....	1,027	20.07	42.0	47.7
1940.....	1,031	20.16	39.6	50.6
1941.....	1,097	22.18	42.7	51.8
1942.....	1,232	24.97	47.9	52.0
1943.....	1,378	27.80	54.3	51.1
1944.....	1,405	28.38	56.8	49.7
1945.....	1,415	29.78	64.5	45.9
1946.....	1,455	32.78	74.5	44.0
Alberta—				
1938.....	1,009	20.64	44.4	46.4
1939.....	1,050	21.36	45.9	46.4
1940.....	1,078	21.66	44.3	48.6
1941.....	1,118	23.26	46.5	49.9
1942.....	1,294	25.07	49.8	50.1
1943.....	1,374	27.22	55.8	48.5
1944.....	1,436	28.95	60.1	48.0
1945.....	1,452	29.61	65.1	45.2
1946.....	1,477	32.40	75.0	43.2
British Columbia—				
1938.....	1,128	22.46	50.5	44.4
1939.....	1,153	22.59	49.5	45.5
1940.....	1,250	24.64	53.5	46.0
1941.....	1,359	27.57	59.7	46.1
1942.....	1,633	33.30	71.5	46.4
1943.....	1,799	35.27	76.9	45.8
1944.....	1,809	35.61	79.2	44.9
1945.....	1,765	33.10	76.8	42.9
1946.....	1,750	36.83	89.4	41.2
Yukon and Northwest Territories				
1939.....	1,734	33.28	63.6	52.3
1940.....	1,544	34.91	67.5	51.8
1941.....	2,033	31.56	57.1	55.5
1942.....	1,670	40.04	72.5	55.3
1943.....	2,030	45.20	93.0	48.9
1944.....	1,422	45.79	91.0	50.3
1945.....	2,110	48.96	98.7	49.6
1946.....	2,249	—	—	—

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46

Group	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No.
Vegetable Products—				
1938.....	865	10.72	34.4	48.1
1939.....	878	16.91	34.6	48.4
1940.....	911	18.01	35.6	50.1
1941.....	994	19.87	39.1	50.4
1942.....	1,098	21.21	42.3	49.5
1943.....	1,193	22.53	47.0	47.2
1944.....	1,266	23.87	50.6	46.5
1945.....	1,304	25.02	53.1	46.4
1946.....	1,359	29.34	65.9	44.0
Animal Products—				
1938.....	864	16.43	34.6	47.4
1939.....	879	18.01	37.9	47.3
1940.....	917	19.68	39.4	49.7
1941.....	995	21.31	42.5	49.7
1942.....	1,085	23.33	46.8	49.5
1943.....	1,197	24.31	50.7	47.5
1944.....	1,266	25.75	55.6	45.9
1945.....	1,306	26.41	58.5	44.8
1946.....	1,371	28.97	66.2	43.4
Textiles and Textile Products—				
1938.....	739	15.17	33.1	45.7
1939.....	763	16.38	35.0	46.6
1940.....	836	17.49	35.9	48.5
1941.....	889	18.85	38.9	48.2
1942.....	989	20.00	41.7	47.5
1943.....	1,060	21.13	45.3	46.2
1944.....	1,118	22.18	48.8	44.9
1945.....	1,147	22.84	50.9	44.4
1946.....	1,212	24.73	58.6	42.2
Wood and Paper Products—				
1938.....	980	19.52	39.7	49.0
1939.....	1,003	19.97	40.3	49.9
1940.....	1,083	21.36	41.4	51.4
1941.....	1,152	23.28	44.7	52.0
1942.....	1,255	24.79	48.0	51.4
1943.....	1,336	26.12	51.8	50.1
1944.....	1,401	27.67	55.4	49.4
1945.....	1,434	29.38	62.3	46.7
1946.....	1,543	33.68	74.8	44.8
Iron and Its Products—				
1938.....	1,154	25.33	57.1	44.3
1939.....	1,189	25.75	57.2	44.9
1940.....	1,405	29.48	58.2	50.7
1941.....	1,577	31.11	60.3	51.5
1942.....	1,750	35.95	69.8	51.3
1943.....	1,893	37.09	73.4	50.4
1944.....	1,939	39.13	80.3	48.7
1945.....	1,918	37.42	79.5	47.0
1946.....	1,803	38.11	87.2	43.7
Non-ferrous Metal Products—				
1938.....	1,142	22.79	51.1	44.5
1939.....	1,161	23.52	50.8	46.3
1940.....	1,252	25.43	49.8	50.8
1941.....	1,371	28.52	55.4	51.4
1942.....	1,535	30.53	58.7	50.9
1943.....	1,893	31.40	63.7	49.0
1944.....	1,645	31.64	66.9	47.1
1945.....	1,662	32.83	71.1	45.9
1946.....	1,618	35.51	80.7	44.0
Non-metallic Mineral Products—				
1938.....	1,173	22.15	46.7	47.3
1939.....	1,169	23.70	50.2	47.1
1940.....	1,236	24.37	49.4	49.2
1941.....	1,349	27.11	54.4	49.8
1942.....	1,472	28.84	58.6	49.1
1943.....	1,614	31.09	63.7	48.7
1944.....	1,667	32.52	67.6	47.9
1945.....	1,650	31.97	68.0	46.9
1946.....	1,654	33.84	75.5	44.7

32.—Average Annual, Weekly and Hourly Earnings of All Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46—concluded

Group	Annual	Weekly	Hourly	Hours Worked per week
	\$	\$	cents	No
Chemicals and Allied Products—				
1938.....	1,017	19.48	44.2	43.9
1939.....	1,057	20.16	44.9	44.7
1940.....	1,115	21.64	45.4	47.4
1941.....	1,274	24.57	49.5	49.4
1942.....	1,311	25.22	54.4	48.6
1943.....	1,485	27.62	57.3	47.8
1944.....	1,540	29.69	63.6	46.4
1945.....	1,585	29.23	63.3	45.9
1946.....	1,563	32.46	73.1	44.4
Miscellaneous Industries—				
1938.....	850	17.87	39.0	45.7
1939.....	863	17.73	38.5	45.9
1940.....	916	18.65	38.0	49.0
1941.....	1,017	21.98	43.2	50.6
1942.....	1,118	25.35	50.7	48.7
1943.....	1,383	27.50	58.5	46.5
1944.....	1,437	26.62	59.8	44.1
1945.....	1,345	27.38	61.3	44.2
1946.....	1,295	26.69	62.0	42.8

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Prince Edward Island.....								
1938.....	549	10.31	19.8	52.2	328	6.16	11.6	53.3
1939.....	581	12.88	25.9	49.7	288	7.50	15.2	49.2
1940.....	644	15.31	28.8	53.1	325	7.71	16.0	48.3
1941.....	645	16.70	32.2	51.9	352	9.10	18.6	48.8
1942.....	682	17.35	33.5	51.7	422	10.75	21.2	50.8
1943.....	992	26.44	47.2	56.0	459	12.25	23.2	52.8
1944.....	1,172	28.10	50.0	56.3	500	12.00	27.0	44.5
1945.....	1,080	30.00	59.3	50.6	557	15.49	30.7	50.5
1946.....	1,097	25.42	54.2	46.9	555	12.87	28.6	45.0
Nova Scotia.....								
1938.....	939	17.90	37.6	51.0	539	11.03	21.8	50.6
1939.....	939	19.20	37.6	51.0	539	11.03	21.8	50.6
1940.....	1,040	20.47	39.0	52.5	569	11.19	21.7	51.6
1941.....	1,171	24.42	45.9	53.2	566	11.80	23.6	50.1
1942.....	1,377	28.84	52.2	53.2	779	13.66	28.2	48.5
1943.....	1,571	32.22	61.5	52.4	853	17.51	37.1	47.2
1944.....	1,677	34.01	68.0	50.0	968	19.63	42.0	46.8
1945.....	1,640	34.67	72.8	47.6	799	16.89	36.8	45.9
1946.....	1,502	33.90	73.7	46.0	762	17.18	39.4	43.6
New Brunswick—								
1938.....	890	16.89	33.7	50.1	410	7.78	16.9	45.0
1939.....	894	18.18	36.1	50.3	493	10.01	21.3	46.9
1940.....	1,023	20.54	39.1	52.5	580	11.64	23.7	49.2
1941.....	1,104	22.81	42.2	54.0	573	11.84	24.1	49.2
1942.....	1,228	24.11	45.7	52.7	674	13.26	27.2	48.8
1943.....	1,369	26.69	50.9	52.4	720	14.04	30.7	45.7
1944.....	1,474	29.19	57.1	51.1	765	15.16	33.8	44.8
1945.....	1,515	31.67	63.1	50.2	744	15.54	35.2	44.1
1946.....	1,528	33.58	71.9	46.7	781	17.16	40.0	42.9

33.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Provinces, 1938-46—concluded

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Quebec—								
1938.....	964	19.46	40.1	48.5	569	11.48	25.5	45.1
1939.....	984	20.03	41.0	48.8	596	12.14	26.7	45.4
1940.....	1,112	22.75	43.8	51.9	620	12.70	26.9	47.2
1941.....	1,260	26.14	49.3	53.0	697	14.46	30.3	47.8
1942.....	1,463	30.12	56.7	53.1	787	16.22	34.2	47.4
1943.....	1,642	32.49	62.2	52.2	916	18.09	39.4	45.9
1944.....	1,671	33.53	65.6	51.1	1,001	20.09	44.6	45.0
1945.....	1,684	34.13	68.7	49.7	935	18.97	42.9	44.2
1946.....	1,660	34.95	74.2	47.1	926	19.49	47.3	41.2
Ontario—								
1938.....	1,105	22.92	49.1	46.7	627	13.03	29.7	43.9
1939.....	1,127	23.85	50.3	47.4	640	13.54	30.1	45.0
1940.....	1,268	26.63	52.1	51.1	685	14.37	30.3	47.5
1941.....	1,450	29.39	57.2	51.4	780	15.82	33.2	47.6
1942.....	1,646	33.24	65.4	50.8	918	18.59	39.8	46.7
1943.....	1,812	34.99	70.4	49.7	1,042	20.13	45.9	43.9
1944.....	1,843	36.30	75.4	48.1	1,084	21.35	50.2	42.5
1945.....	1,790	36.02	77.1	46.7	1,024	20.61	49.5	41.6
1946.....	1,738	37.09	84.3	44.0	963	20.53	52.9	38.8
Manitoba—								
1938.....	1,127	24.15	54.1	44.6	576	12.35	29.0	42.6
1939.....	1,165	23.61	53.1	44.5	623	12.64	29.3	43.2
1940.....	1,179	24.30	49.9	48.7	660	13.60	29.9	45.5
1941.....	1,291	26.56	54.3	48.9	684	14.09	30.8	45.8
1942.....	1,436	29.07	58.5	49.7	757	15.32	33.7	45.4
1943.....	1,553	30.86	62.6	49.3	829	16.48	38.0	43.4
1944.....	1,653	32.36	68.6	47.2	932	18.24	42.5	42.9
1945.....	1,667	32.88	71.3	46.1	914	18.03	42.3	42.6
1946.....	1,662	34.51	78.8	43.8	949	19.72	49.8	39.6
Saskatchewan—								
1938.....	1,066	20.33	42.2	48.2	620	11.84	27.5	43.0
1939.....	1,059	20.62	43.0	48.0	592	11.53	26.7	43.2
1940.....	1,066	20.67	40.5	51.0	599	11.61	26.1	44.5
1941.....	1,136	22.81	43.7	52.2	687	13.81	29.8	46.4
1942.....	1,279	25.94	49.2	52.7	895	18.17	38.9	46.9
1943.....	1,461	29.34	56.8	51.7	1,005	20.19	41.9	48.2
1944.....	1,500	29.99	58.9	50.9	993	19.86	45.8	43.4
1945.....	1,526	32.36	69.4	46.6	934	19.81	45.6	43.4
1946.....	1,531	34.11	77.0	44.3	1,007	22.45	54.5	41.2
Alberta—								
1938.....	1,051	21.42	45.9	46.7	671	13.67	31.3	43.7
1939.....	1,096	22.23	47.6	46.7	676	13.72	31.4	43.7
1940.....	1,134	22.53	46.3	48.7	638	14.19	26.8	47.4
1941.....	1,173	24.32	48.3	50.4	716	14.83	32.5	45.6
1942.....	1,309	26.93	52.9	50.9	801	16.50	35.2	46.4
1943.....	1,492	29.49	59.7	49.4	925	18.30	40.5	45.2
1944.....	1,568	31.50	64.4	48.9	996	20.01	44.8	44.7
1945.....	1,599	32.54	70.7	46.0	961	19.55	46.0	42.5
1946.....	1,582	34.50	79.3	43.5	981	21.38	51.4	41.6
British Columbia—								
1938 ¹	1,169	23.54	52.7	44.7	673	13.55	32.6	41.6
1939.....	1,201	23.73	51.8	45.8	652	12.89	29.8	43.2
1940.....	1,303	26.00	56.2	46.3	681	13.60	31.3	43.4
1941.....	1,417	28.99	62.6	46.3	743	15.18	34.3	44.2
1942.....	1,713	35.42	75.8	46.7	939	19.44	43.7	44.5
1943.....	1,903	37.57	81.3	46.2	1,239	24.46	56.0	43.7
1944.....	1,920	38.08	84.3	45.2	1,288	25.57	58.4	43.8
1945.....	1,879	36.21	83.4	43.4	1,139	21.96	53.4	41.1
1946.....	1,956	39.01	94.0	41.5	1,156	23.05	58.8	39.2
Yukon and Northwest Territories—								
1939.....	1,734	33.28	63.6	52.3	—	—	—	—
1940.....	1,596	35.81	69.3	51.7	741	16.60	31.3	53.0
1941.....	2,081	31.97	58.0	55.1	1,259	19.33	29.0	66.7
1942.....	1,703	40.74	73.8	55.2	723	17.33	28.9	60.0
1943.....	2,092	46.38	95.6	48.5	676	15.00	25.0	60.0
1944.....	1,922	45.79	91.0	50.3	—	—	—	—
1945.....	2,110	48.96	98.7	49.6	—	—	—	—
1946.....	—	—	—	—	—	—	—	—

¹ Includes Yukon.

34.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
	\$	\$	cents	No.	\$	\$	cents	No.
Vegetable Products—								
1938.....	988	10.46	39.0	49.9	571	11.24	25.3	44.5
1939.....	1,006	19.75	39.4	50.1	576	11.32	25.2	45.0
1940.....	1,048	21.25	41.1	51.7	593	12.02	25.5	47.1
1941.....	1,150	23.55	45.3	52.0	665	13.62	28.6	47.7
1942.....	1,305	25.81	49.7	51.9	716	14.15	30.8	45.9
1943.....	1,440	27.81	55.4	50.2	785	15.16	35.3	43.0
1944.....	1,522	29.15	59.0	49.4	848	16.25	38.4	42.3
1945.....	1,563	30.49	62.2	49.0	850	16.59	39.2	42.3
1946.....	1,593	34.29	74.5	46.0	883	18.98	47.8	39.7
Animal Products—								
1938.....	953	18.91	39.5	47.9	538	10.68	23.1	46.3
1939.....	957	20.18	42.1	47.9	603	12.72	27.8	45.7
1940.....	998	21.98	43.6	50.4	638	14.05	29.2	48.1
1941.....	1,116	24.71	48.6	50.8	637	14.11	29.7	47.5
1942.....	1,228	27.29	53.3	50.7	715	15.88	33.7	47.1
1943.....	1,369	28.58	58.2	49.1	799	16.70	37.4	44.7
1944.....	1,445	30.21	63.5	47.6	860	17.96	41.9	42.9
1945.....	1,490	30.73	66.7	46.1	890	18.34	43.3	42.4
1946.....	1,548	32.68	73.1	44.7	927	19.58	48.7	40.2
Textiles and Textile Products—								
1938.....	895	18.38	39.2	46.9	605	12.43	27.9	44.6
1939.....	929	19.96	41.8	47.7	622	13.37	29.3	45.7
1940.....	1,040	21.79	43.8	49.7	669	14.02	29.5	47.5
1941.....	1,111	23.74	47.6	49.9	718	15.33	32.6	47.0
1942.....	1,284	26.07	52.3	49.8	792	16.10	34.9	46.1
1943.....	1,406	28.14	57.5	48.9	848	16.97	38.0	44.6
1944.....	1,482	29.49	61.4	48.0	895	17.82	41.3	43.1
1945.....	1,519	30.25	63.7	47.5	919	18.32	43.1	42.5
1946.....	1,557	31.53	69.0	45.7	976	19.76	49.9	39.6
Wood and Paper Products—								
1938.....	1,013	20.08	40.6	40.4	630	12.68	28.6	44.4
1939.....	1,040	20.59	41.3	49.9	632	12.52	28.1	44.6
1940.....	1,123	22.10	42.6	51.9	654	12.86	27.8	46.2
1941.....	1,203	24.25	46.2	52.5	685	13.79	29.5	46.7
1942.....	1,323	26.04	49.9	52.2	763	15.05	33.1	45.4
1943.....	1,431	27.86	54.3	51.3	821	16.00	37.0	43.2
1944.....	1,508	29.48	58.1	50.7	844	16.50	39.4	41.9
1945.....	1,547	32.34	67.5	47.9	815	17.03	40.6	41.9
1946.....	1,642	36.28	79.7	45.5	875	19.34	47.5	40.7
Iron and Its Products								
1938.....	1,169	25.65	57.8	44.4	687	15.09	36.0	41.9
1939.....	1,206	26.11	58.0	45.0	703	15.21	34.6	43.9
1940.....	1,428	30.00	59.1	50.8	755	15.87	33.6	47.3
1941.....	1,615	32.01	61.9	51.7	853	16.91	34.7	45.8
1942.....	1,819	37.71	72.9	51.6	1,111	23.06	46.8	49.3
1943.....	1,978	38.92	76.3	51.0	1,371	26.98	57.2	47.2
1944.....	2,003	40.53	82.5	49.1	1,546	31.30	67.7	46.2
1945.....	1,978	38.86	82.0	47.4	1,365	26.82	60.8	44.1
1946.....	1,844	39.03	88.9	43.9	1,088	22.48	55.5	41.4
Non-ferrous Metal Products—								
1938.....	1,201	23.97	53.7	41.9	712	14.81	31.0	41.5
1939.....	1,241	25.24	54.3	46.5	660	13.43	30.0	44.8
1940.....	1,347	27.45	53.5	51.3	717	14.62	30.2	48.4
1941.....	1,492	31.28	60.4	51.8	785	16.49	33.4	49.4
1942.....	1,681	33.72	64.2	51.4	1,009	20.25	41.1	49.3
1943.....	1,799	34.97	69.9	50.0	1,144	22.24	48.0	46.3
1944.....	1,846	35.65	74.0	48.2	1,169	22.56	50.7	44.5
1945.....	1,841	36.64	77.8	47.1	1,193	23.76	55.0	43.2
1946.....	1,776	37.15	85.0	43.7	1,117	23.37	57.7	40.5
Non-metallic Mineral Products—								
1938.....	1,195	22.52	47.5	47.4	543	10.22	22.2	46.1
1939.....	1,184	24.04	50.9	47.2	747	15.16	33.7	45.7
1940.....	1,262	24.90	50.4	49.4	649	12.81	27.9	45.1
1941.....	1,384	27.88	55.8	50.0	734	14.78	32.1	46.0

34.—Average Annual, Weekly and Hourly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada, by Industrial Groups, 1938-46—*conc.*

Province	MALE				FEMALE			
	Annual	Weekly	Hourly	Hours Worked per Week	Annual	Weekly	Hourly	Hours Worked per Week
Non-metallic Mineral Products—concluded	\$	\$	cents	No.	\$	\$	cents	No.
1942.....	1,522	29.93	60.7	49.3	878	17.27	36.2	47.6
1943.....	1,698	32.75	66.6	49.2	954	18.42	41.3	44.6
1944.....	1,750	34.18	70.5	48.5	1,078	21.06	47.7	44.2
1945.....	1,725	33.46	70.6	47.4	1,088	21.10	48.6	43.4
1946.....	1,708	35.31	78.3	45.1	1,064	21.99	52.6	41.8
Chemicals and Allied Products—								
1938.....	1,128	21.63	48.7	44.4	626	12.00	28.4	42.3
1939.....	1,169	22.25	49.3	45.1	657	12.51	28.9	43.3
1940.....	1,240	24.16	50.3	48.0	655	12.76	28.2	45.3
1941.....	1,419	28.38	56.6	50.1	820	16.40	34.3	47.8
1942.....	1,557	30.89	62.6	49.4	968	19.23	40.7	47.3
1943.....	1,788	33.42	67.8	49.3	1,025	19.16	41.9	45.7
1944.....	1,777	34.40	71.7	48.0	1,166	22.57	51.3	44.0
1945.....	1,803	33.83	71.4	47.4	1,143	21.45	49.5	43.3
1946.....	1,777	35.97	79.4	45.3	956	19.35	47.2	41.0
Miscellaneous Industries—								
1938.....	929	19.55	42.3	46.2	619	13.03	29.4	44.3
1939.....	947	19.44	41.9	46.4	628	12.88	29.0	44.4
1940.....	1,015	20.82	42.0	49.6	657	13.47	28.3	47.6
1941.....	1,167	25.41	49.3	51.5	666	14.51	29.9	48.6
1942.....	1,306	29.26	58.5	50.0	771	17.29	37.3	46.4
1943.....	1,643	32.87	67.4	48.8	997	19.96	46.1	43.3
1944.....	1,664	30.81	66.8	46.1	1,108	20.52	49.7	41.3
1945.....	1,607	32.70	71.2	45.9	951	19.36	46.4	41.7
1946.....	1,502	30.91	70.4	43.9	945	19.43	47.4	41.0

Real Earnings of Employees in Recent Years.—When the index number representing the average yearly wages is divided by the index number of the cost of living, on the same base, a measure of “real” wages is obtained. Index numbers for 1931 to 1946 are given in Table 35. In 1933, the height of the depression, real wages were 88.3 on the 1935-39 base. From then on they rose steadily and stood at 141.1 in 1944, an increase of about 60 p.c. In 1946 real wages dropped to 131.6.

35.—Average Yearly Earnings, and Index Numbers of Earnings, Cost of Living and Real Wages of Wage-Earners, in Manufacturing Industries, 1931-46

NOTE.—Figures on the 1917 base, with qualifications as to comparability, for 1917 to 1930 are published at p. 421 of the 1939 Canada Year Book.

Year	Wages Paid	Average Wage-Earners	Average Yearly Earnings	Index Numbers (1935-39=100)		
				Average Yearly Earnings	Cost of Living	Real Value of Average Yearly Earnings
	\$	No.	\$			
1931.....	415,277,895	437,149	950	101.9	109.1	93.4
1932.....	322,245,926	381,783	844	90.6	99.0	91.5
1933.....	296,929,878	382,022	777	83.4	94.4	88.3
1934.....	355,090,929	427,717	830	89.1	95.7	93.1
1935.....	399,012,697	458,734	870	93.3	96.2	97.0
1936.....	438,873,377	489,942	896	96.1	98.1	98.0
1937.....	525,743,562	544,624	965	103.5	101.2	102.3
1938.....	498,282,208	521,427	956	102.6	102.2	100.4
1939.....	519,971,819	533,342	975	104.6	101.5	103.1
1940.....	679,273,104	626,484	1,084	116.3	105.6	110.1
1941.....	978,525,782	802,234	1,220	130.9	111.7	117.2
1942.....	1,347,934,049	974,904	1,383	143.4	117.0	126.8
1943.....	1,598,434,879	1,047,873	1,525	163.6	118.4	138.2
1944.....	1,611,555,776	1,030,324	1,564	167.8	118.9	141.1
1945.....	1,427,915,830	928,665	1,538	165.0	119.5	138.1
1946.....	1,329,811,478	877,150	1,516	162.7	123.6	131.6

Percentages of Salaries and Wages to Net Value of Products. Table 36 shows the relation between salaries and wages paid by manufacturers and the total net value of production. Figures of gross production are often used in such calculations, but the values out of which the wages of employees must come in the long run are the values added to the raw materials while they are in the factory. Such added values constitute the real production of the manufacturing plant and are alone available for payment of salaries and wages, interest, rent, taxes, repairs, and all other overhead charges that ordinarily must be met. The percentage declined steadily with the increasing manufacturing production from 1924 to 1929, while from 1931 to 1935 and again in 1938 and 1939, due to decreased industrial activity, the percentage of salaries to value added was above normal. It should be borne in mind, however, that salaried employees increased 159 p.c. during the period 1924-46 while wage-earners increased 110 p.c. The percentage of wages has fluctuated much less than that of salaries. The number of wage-earning employees may be more rapidly adjusted to the activity of the industry and wage levels likewise may be more readily adjusted to the price levels of the products. Of the increase in the net value of production since 1939 amounting to \$1,935,953,079, \$1,002,876,101 or 51.8 p.c. was passed along in increased salaries and wages.

36.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-46

Year	Value Added by Processes of Manufacture ¹	Salaries Paid	Wages Paid	Percentages		
				of Salaries to Value Added	of Wages to Value Added	of Total Salaries and Wages to Value Added
	\$	\$	\$	p.c.	p.c.	p.c.
1924.....	1,075,458,459	130,344,822	404,122,853	12.1	37.6	49.7
1925.....	1,167,936,726	133,409,498	436,534,944	11.4	37.4	48.8
1926.....	1,305,168,549	142,353,900	483,328,342	10.9	37.0	47.9
1927.....	1,427,649,292	151,419,411	511,285,921	10.6	35.8	46.4
1928.....	1,597,887,676	162,903,007	558,568,627	10.2	35.0	45.2
1929.....	1,755,386,937	175,553,710	601,737,507	10.0	34.3	44.3
1930.....	1,522,737,125	169,992,216	527,563,162	11.2	34.6	45.8
1931.....	1,252,017,248	172,289,095	415,277,895	13.8	33.2	47.0
1932.....	955,960,724	151,355,790	322,245,926	15.8	33.7	49.5
1933.....	919,671,181	139,317,946	296,929,878	15.1	32.3	47.4
1934.....	1,087,301,742	148,760,126	355,090,929	13.7	32.7	46.4
1935.....	1,153,485,104	160,455,080	399,012,697	13.9	34.6	48.5
1936.....	1,289,592,672	173,198,057	438,873,377	13.4	34.0	47.4
1937.....	1,508,924,867	195,983,475	525,743,562	13.0	34.8	47.8
1938.....	1,428,286,778	207,386,381	498,282,208	14.5	34.9	49.4
1939.....	1,531,051,901	217,839,334	519,971,819	14.2	34.0	48.2
1940.....	1,942,471,238	241,599,761	679,273,104	12.0	35.0	47.0
1941.....	2,605,119,788	286,336,861	978,525,782	11.0	37.6	50.8
1942.....	3,309,973,758	334,870,793	1,347,934,049	10.1	40.7	52.2
1943.....	3,816,413,541	388,857,505	1,598,434,879	10.2	42.0	52.2
1944.....	4,015,776,010	418,065,594	1,611,555,776	10.4	40.2	50.6
1945.....	3,564,315,899	417,857,616	1,427,915,820	11.7	40.1	51.8
1946.....	3,467,004,980	410,875,776	1,329,811,478	11.8	38.4	50.2

¹ Equivalent to "net value of products"; see footnote 1, Table 1, p. 7.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level; and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

Size as Measured by Gross Value of Products.—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p.c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p.c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p.c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944 and their output was about 75 p.c. of the total value of manufactures. With the end of the war and the consequent decline in production of the huge war plants the number of establishments with a production of \$1,000,000 or over, although increasing to 1,442 in 1946, nevertheless saw a decline in the proportion of their output to 67 p.c. of the total.

37.—Manufacturing Establishments, Grouped According to Gross Value of Products, with Totals and Average Values of Products in each Class, for Canada, 1929, 1939, 1944 and 1946

Group of Gross Values	1929 ¹			1939 ²		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	14,024	106,735,470	7,611	15,623	120,903,054	7,738
\$ 25,000 but under \$ 50,000 ..	2,802	99,529,725	35,521	2,803	99,558,383	35,519
50,000 " " 100,000 ..	2,209	156,308,744	70,760	2,215	156,410,769	70,614
100,000 " " 200,000 ..	1,688	237,532,492	140,718	1,584	225,582,130	142,413
200,000 " " 500,000 ..	1,519	504,218,217	331,941	1,285	390,626,844	303,990
500,000 " " 1,000,000 ..	636	443,597,677	697,481	689	466,441,130	676,983
1,000,000 " " 5,000,000 ..	601	1,217,866,089	2,026,400	520	1,091,293,939	2,098,642
5,000,000 and over.....	118	1,298,198,865	11,001,685	81	923,724,311	11,404,004
Totals and Averages	23,597	4,063,987,279	172,225	24,800	3,474,540,560	140,102
	1944			1946		
	Estab- lishments	Total Production	Average per Estab- lishment	Estab- lishments	Total Production	Average per Estab- lishment
	No.	\$	\$	No.	\$	\$
Under \$25,000.....	13,942	128,782,147	9,237	14,478	138,504,608	9,566
\$ 25,000 but under \$ 50,000 ..	4,011	143,023,914	35,658	4,524	162,355,572	35,888
50,000 " " 100,000 ..	3,442	245,273,500	71,259	3,958	282,976,378	71,495
100,000 " " 200,000 ..	2,513	355,235,489	141,359	3,060	433,302,078	141,602
200,000 " " 500,000 ..	2,256	714,546,348	316,731	2,620	824,481,340	314,687
500,000 " " 1,000,000 ..	943	661,670,696	701,666	1,167	816,202,278	699,402
1,000,000 " " 5,000,000 ..	1,089	2,294,546,053	2,107,021	1,183	2,376,006,853	2,008,459
5,000,000 and over.....	287	4,530,614,372	15,786,113	259	3,001,863,364	11,590,206
Totals and Averages	28,483	9,073,692,519	318,565	31,249	8,035,692,471	257,150

¹ Includes central electric stations and dyeing, cleaning and laundry establishments of Yukon and the Northwest Territories.

² Exclusive

Size as Measured by Number of Employees. In 1923, establishments employing 501 hands or over accounted for 21.4 p.c. of the total number of employees engaged in manufacturing. By 1929 the proportion had increased to 27.3 p.c. of the total, thereby showing the increasing concentration of production into larger units. This tendency, however, was checked by the depression, the percentage having dropped in 1933 to 20.5 p.c. (central electric stations included). With the recovery in production since 1933 the percentage has risen again, and in 1939 stood at 25.6. The same also holds true for establishments employing 101 hands or over. In 1923 they employed 58.6 p.c. of the total, in 1929, 61.9 p.c., in 1933, 55.7 p.c., and in 1939, 61.5 p.c.

The impact of the War on the concentration of war industries into large units is illustrated by the increase in the number of establishments employing 500 hands or over. In 1939 such establishments numbered 172 and employed 25.6 p.c. of the total number of employees engaged in manufacturing. By 1944 the number had increased to 383 and the percentage of total employees to 47.0. In a further subdivision of this group in 1944 it was found that 226 establishments employed between 500 and 999 persons, 56 between 1,000 and 1,499, and 101 employed over 1,500. All told there were twelve plants employing over 7,000 persons. The largest one had an employment of a little over 13,000 with the next three largest employing between 9,000 and 10,000. Three other plants employed between 8,000 and 9,000 persons while the lowest five plants in this group employed between 7,000 and 8,000 workers.

In 1946 the size of establishment declined. The largest ones, viz. those employing 1,500 and over, numbered only 55 as compared with 100 in 1944 and 80 in 1945. The largest manufacturing plant in Canada which employed over 13,000 persons in 1944 employed about 12,000 in 1946. The next two largest establishments employed over 7,000 persons whilst the fourth largest had over 6,000 persons. The following is the size distribution of the highest group.

Over 6,000 employees.....	4 establishments
5,000 to 6,000.....	0 establishment
4,000 to 5,000.....	2 establishments
3,000 to 4,000.....	5 establishments
1,500 to 3,000.....	44 establishments
Total.....	55 establishments

38.—Manufacturing Establishments, Classified by Number of Employees, by Provinces, 1946

Province	Up to 500	500 to 799	800 to 999	1,000 to 1,499	1,500 and over	Total
Prince Edward Island.....	246	Nil	Nil	Nil	Nil	246
Nova Scotia.....	1,388	6	Nil	Nil	3	1,397
New Brunswick.....	986	4	2	Nil	1	993
Quebec.....	10,712	51	16	17	22	10,818
Ontario.....	11,264	91	19	26	24	11,424
Manitoba.....	1,351	Nil	Nil	3	3	1,357
Saskatchewan.....	953	2	Nil	Nil	Nil	955
Alberta.....	1,311	2	2	Nil	Nil	1,315
British Columbia.....	2,714	10	2	3	2	2,731
Yukon and Northwest Territories.....	13	Nil	Nil	Nil	Nil	13
Canada.....	30,938	166	41	49	55	31,249

39.—Establishments and Employees in Canadian Manufactures, Grouped According to Number of Employees per Establishment, 1929, 1939, 1944 and 1946

Group	1929 ¹			1939 ²		
	Estab- lishments	Employees	Average per Estab- lishment	Estab- lishments	Employees	Average per Estab- lishment
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	12,273	30,446	2.5	13,002	28,020	2.2
5 to 20 employees.....	6,160	62,310	10.1	6,985	68,151	9.8
21 " 50 ".....	2,531	81,846	32.3	2,330	75,324	32.3
51 " 100 ".....	1,262	90,238	71.5	1,158	81,646	70.5
101 " 200 ".....	745	103,944	139.5	695	97,063	139.7
201 " 500 ".....	444	136,397	307.2	458	139,687	305.0
501 and over.....	182	189,253	1,040.0	172	168,168	977.7
Totals and Averages...	23,597	694,434	29.4	24,800	658,059	26.5
	1944			1946		
	No.	No.	No.	No.	No.	No.
	No.	No.	No.	No.	No.	No.
Under 5 employees.....	13,208	29,958	2.3	13,810	32,664	2.4
5 to 14 employees.....	7,111	58,404	8.2	8,190	67,530	8.2
15 " 49 ".....	4,615	124,408	27.0	5,488	146,939	26.7
50 " 99 ".....	1,622	113,869	70.2	1,759	122,919	69.8
100 " 199 ".....	900	126,192	140.2	1,032	144,240	139.7
200 " 499 ".....	644	196,707	305.4	659	202,114	306.7
500 and over.....	383	573,344	1,497.0	311	341,750	1,098.9
Totals and Averages...	28,483	1,222,882	42.9	31,249	1,058,156	33.9

¹ Includes central electric stations, dyeing, cleaning and laundry establishments.
Yukon and the Northwest Territories.

² Exclusive of

Size of Establishment in Leading Industries.—Table 40 summarizes the degree of concentration in some of the leading industries of Canada. Concentration is extremely marked in the case of automobiles, railway rolling-stock, non-ferrous metal smelting and refining, rubber goods, cotton yarn and cloth, pulp and paper, and primary iron and steel; whereas in the case of bread and other bakery products, sawmills, miscellaneous foods, fish curing and packing, butter and cheese, and women's factory clothing, the degree of concentration is low. This concentration is analysed in detail for each of the twenty-five leading industries in the tables following.

40.—Percentage Importance of Establishments, each Employing 200 or more Persons in the Twenty-Five Leading Industries, 1946

Industry	Number of Such Establish- ments	Percentage of Total Number in the Industry	Percentage of Total Production in the Industry
1 Pulp and paper.....	62	54.9	92.7
2 Slaughtering and meatpacking.....	28	19.0	75.1
3 Non-ferrous metal smelting and refining.....	11	73.3	95.8
4 Sawmills.....	21	0.4	22.1
5 Flour and feed mills.....	9	0.9	43.1
6 Butter and cheese.....	11	0.5	14.4
7 Electrical apparatus and supplies.....	42	15.8	74.4
8 Petroleum products.....	11	25.6	79.9
9 Automobiles.....	5	55.5	98.3
10 Clothing, women's factory.....	8	0.7	7.4
11 Railway rolling-stock.....	22	59.4	96.3
12 Rubber goods.....	21	35.0	94.1
13 Primary iron and steel.....	24	40.7	89.1
14 Clothing, men's factory.....	28	5.2	31.4
15 Bread and other bakery products.....	21	0.7	26.2
16 Machinery.....	33	11.0	51.9
17 Fruit and vegetable preparations.....	10	1.9	32.0
18 Sheet metal products.....	21	9.1	64.6
19 Miscellaneous foods.....	5	1.7	20.1
20 Cotton yarn and cloth.....	26	63.4	93.6
21 Breweries.....	9	14.7	50.4
22 Hosiery and knitted goods.....	34	13.8	58.7
23 Printing and publishing.....	22	2.8	60.2
24 Fish curing and packing.....	6	1.0	18.9
25 Boots and shoes, leather.....	25	8.5	36.6

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946

NOTE. For principal statistics in the manufacturing industries in each province by size of establishments, see Table 3 of Part II, p. 87.

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1. Pulp and Paper—						
Under 5 employees.....	1					
5 to 14 ".....	1	464	883,964	239,714	2,459,137	5,506,659
15 " 49 ".....	14					
50 " 99 ".....	18	1,380	2,465,567	890,459	5,813,442	11,708,160
100 " 199 ".....	17	2,700	5,113,839	1,736,903	10,586,946	21,299,283
200 " 499 ".....	25	8,563	18,414,165	8,264,706	40,652,769	96,432,449
500 and over.....	37	31,860	74,487,101	35,070,218	163,936,044	392,868,365
Totals.....	113	44,967	101,367,536	48,901,000	223,448,348	527,811,916
2. Slaughtering and Meatpacking—						
Under 5 employees.....	18	38	41,637	6,670	900,036	996,394
5 to 14 ".....	33	279	436,710	45,452	7,739,613	8,824,571
15 " 49 ".....	42	1,146	1,956,142	194,208	22,902,552	26,816,599
50 " 99 ".....	13	904	1,609,850	145,872	30,807,066	35,007,145
100 " 199 ".....	13	1,871	3,151,335	278,575	41,481,821	46,832,585
200 " 499 ".....	14	4,381	7,652,681	573,321	70,299,997	85,053,466
500 and over.....	14	13,917	25,464,736	1,805,663	233,893,371	272,402,194
Totals.....	147	22,536	40,313,025	3,050,859	408,033,456	475,953,154
3. Non-ferrous Metal Smelting and Refining—						
5 to 14 employees.....	1					
50 " 99 ".....	1	393	794,382	608,426	9,279,630	12,667,325
100 " 199 ".....	2					
200 " 499 ".....	4	1,738	3,589,299	2,643,145	68,878,535	77,525,285
500 and over.....	7	12,415	26,264,680	19,036,001	134,706,865	144,525,914
Totals.....	15	14,546	30,648,361	22,287,572	212,865,030	304,718,524
4. Sawmills—						
Under 5 employees.....	4,124	10,283	5,570,875	542,620	19,545,843	33,823,042
5 to 14 ".....	1,318	10,187	11,397,163	660,764	33,828,812	58,738,723
15 " 49 ".....	424	10,509	14,758,210	517,594	33,860,102	61,241,569
50 " 99 ".....	80	5,236	8,514,402	265,296	19,370,365	36,105,191
100 " 199 ".....	34	4,892	8,472,226	183,305	18,104,308	34,436,067
200 " 499 ".....	17	5,403	9,762,742	107,337	23,634,786	45,236,358
500 and over.....	4	2,842	5,335,642	111,222	7,856,811	18,329,107
Totals.....	6,001	49,352	65,811,258	1,394,198	156,187,247	287,919,652
5. Flour and Feed Mills—						
Under 5 employees.....	759	1,379	1,203,654	367,515	28,307,869	33,120,430
5 to 14 ".....	151	1,124	1,445,518	348,560	21,437,969	25,581,026
15 " 49 ".....	40	965	1,636,428	277,910	27,630,006	32,433,505
50 " 99 ".....	7	486	850,468	100,069	14,440,280	17,456,041
100 " 199 ".....	8	1,123	2,048,504	416,026	34,398,577	39,745,305
200 " 499 ".....	7					
500 and over.....	2	2,959	5,713,588	724,390	98,009,937	112,323,144
Totals.....	974	8,036	12,898,160	2,234,470	224,233,698	260,659,451
6. Butter and Cheese—						
Under 5 employees.....	1,526	3,345	2,973,886	928,743	50,977,356	57,488,881
5 to 14 ".....	410	3,286	3,928,734	884,581	43,798,909	52,588,881
15 " 49 ".....	164	4,181	5,794,203	1,025,255	36,089,728	43,488,881
50 " 99 ".....	34	2,158	3,551,674	1,121,171	14,440,280	17,456,041
100 " 199 ".....	16	2,146	3,692,359	338,164	13,219,011	21,094,145
200 " 499 ".....	8	2,502	4,761,474	420,809	11,768,984	20,355,372
500 and over.....	3	1,761	3,562,911	194,580	7,097,942	13,339,194
Totals.....	2,161	19,659	28,668,241	4,264,903	177,638,517	234,664,461

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
7. Electrical Apparatus and Supplies—						
Under 5 employees.....	35	88	122,617	7,694	220,403	467,264
5 to 14 ".....	46	386	615,741	23,947	1,283,574	2,433,342
15 " 49 ".....	81	2,352	3,730,423	115,334	7,205,805	15,457,490
50 " 99 ".....	29	2,059	3,191,612	116,571	5,114,707	11,607,003
100 " 199 ".....	33	4,756	7,144,850	266,313	14,322,178	30,149,380
200 " 499 ".....	27	8,034	13,703,429	513,546	21,914,777	51,667,150
500 and over.....	15	26,323	46,001,807	1,621,050	51,877,828	122,791,024
Totals.....	266	43,998	74,510,479	2,664,455	101,939,272	234,572,653
8. Petroleum Products—						
Under 5 employees.....	8	21	41,471	3,590	154,828	236,643
5 to 14 ".....	5	44	76,075	8,457	324,334	692,226
15 " 49 ".....	8	193	371,475	132,888	2,924,644	4,113,004
50 " 99 ".....	5	343	604,224	214,072	7,541,958	10,175,873
100 " 199 ".....	6	787	1,505,575	818,155	23,417,081	29,620,505
200 " 499 ".....	8	2,505	5,115,369	3,794,397	60,996,339	90,594,938
500 and over.....	3	3,252	7,134,952	5,187,466	60,459,560	87,992,191
Totals.....	43	7,145	14,849,141	10,159,025	155,818,744	223,425,380
9. Automobiles—						
15 to 49 employees.....	1	515	841,724	22,237	1,239,877	3,214,760
100 " 199 ".....	3					
200 " 499 ".....	1					
500 and over.....	4	21,132	43,127,048	1,946,827	134,316,306	190,224,928
Totals.....	9	21,647	43,968,772	1,969,064	135,556,183	193,439,688
10. Clothing, Women's Factory—						
Under 5 employees.....	138	339	514,651	5,972	2,323,832	4,438,522
5 to 14 ".....	351	3,243	5,024,124	59,446	9,988,183	20,136,596
15 " 49 ".....	475	12,062	20,119,231	165,955	38,138,104	73,440,117
50 " 99 ".....	101	6,616	9,628,831	81,063	19,838,794	37,766,791
100 " 199 ".....	35	4,802	6,443,745	61,837	13,905,334	25,718,652
200 " 499 ".....	8	2,301	3,244,596	22,041	6,943,894	12,852,545
Totals.....	1,108	29,963	44,985,178	396,314	91,138,141	174,353,223
11. Railway Rolling Stock—						
Under 5 employees.....	3	30	54,100	2,831	495,001	625,167
5 to 14 ".....	2					
15 " 49 ".....	3					
50 " 99 ".....	2	220	364,381	14,193	702,827	1,334,802
100 " 199 ".....	5	793	1,500,268	177,051	1,644,876	4,004,706
200 " 499 ".....	6	2,081	4,136,765	185,835	3,394,872	8,124,793
500 and over.....	16	25,429	51,760,331	3,187,187	77,699,789	148,070,053
Totals.....	37	28,553	57,815,845	3,567,097	83,937,365	162,159,521
12. Rubber Goods—						
Under 5 employees.....	9	19	20,754	613	8,563	45,779
5 to 14 ".....	10	82	119,612	6,007	135,415	333,287
15 " 49 ".....	8	215	293,762	15,258	387,362	1,098,727
50 " 99 ".....	5	371	606,340	113,947	1,318,695	2,814,187
100 " 199 ".....	7	983	1,309,468	80,826	2,067,121	5,057,594
200 " 499 ".....	6	2,059	3,176,035	272,418	4,601,581	11,741,203
500 and over.....	15	18,326	32,287,392	3,332,218	53,616,841	138,317,336
Totals.....	60	22,055	37,813,363	3,821,287	62,135,578	159,408,113
13. Primary Iron and Steel—						
Under 200 employees.....	35	2,786	5,015,096	1,193,558	9,470,755	16,621,357
200 and over.....	24	21,410	45,500,801	11,838,565	58,997,678	136,461,259
Totals.....	59	24,196	50,515,897	13,032,123	68,468,433	153,082,616

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946—continued

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
14. Clothing, Men's Factory—						
Under 5 employees.....	128	285	484,748	3,875	3,753,558	6,762,240
5 to 14 ".....	111	1,024	1,615,951	17,014	7,141,519	13,124,342
15 " 49 ".....	151	4,532	6,349,479	77,900	15,926,076	28,266,997
50 " 99 ".....	80	5,670	7,403,301	100,015	15,772,112	28,905,549
100 " 199 ".....	39	5,221	7,206,430	82,560	15,440,366	27,610,607
200 " 499 ".....	21	6,810	9,051,955	107,403	15,666,049	29,335,118
500 and over.....	7	4,280	6,002,968	64,352	9,333,886	18,702,118
Totals.....	537	27,822	38,114,832	453,119	83,033,566	152,706,971
15. Bread and Other Bakery Products—						
Under 5 employees.....	1,643	3,906	4,026,449	876,458	7,564,494	15,111,962
5 to 14 ".....	901	6,847	8,068,648	954,132	13,388,852	27,013,983
15 " 49 ".....	232	5,931	8,293,968	859,839	14,004,261	28,889,025
50 " 99 ".....	38	2,664	4,072,090	378,632	7,689,982	16,104,614
100 " 199 ".....	29	3,894	6,235,751	473,070	10,786,302	22,266,024
200 " 499 ".....	17	4,646	7,861,949	607,795	12,053,281	25,118,226
500 and over.....	4	2,565	4,428,346	345,319	5,399,367	13,798,694
Totals.....	2,864	30,453	42,987,201	4,495,245	70,886,539	148,362,528
16. Machinery—						
Under 5 employees.....	27	69	114,852	6,568	139,441	340,806
5 to 14 ".....	59	560	975,575	40,190	1,088,732	2,990,140
15 " 49 ".....	92	2,657	4,898,690	173,335	7,939,763	17,363,237
50 " 99 ".....	57	4,063	7,603,072	240,591	9,240,248	25,378,376
100 " 199 ".....	31	4,611	8,303,773	276,451	8,752,580	24,008,418
200 " 499 ".....	26	7,948	14,967,564	524,045	10,115,998	38,384,383
500 and over.....	7	7,095	13,383,298	584,801	13,484,033	37,172,888
Totals.....	299	27,003	50,246,824	1,845,981	50,760,795	145,638,248
17. Fruit and Vegetable Preparations—						
Under 5 employees.....	151	431	294,877	32,556	1,240,479	1,794,236
5 to 14 ".....	128	1,057	930,208	84,355	4,446,493	6,536,439
15 " 49 ".....	154	4,045	4,538,037	424,267	19,332,064	30,751,438
50 " 99 ".....	43	2,974	3,671,992	402,445	18,707,761	27,744,429
100 " 199 ".....	27	3,637	4,368,110	432,355	15,157,700	25,621,803
200 " 499 ".....	8	2	5,365,554	513,664	24,549,649	43,555,793
500 and over.....	2	4,229				
Totals.....	513	16,373	19,168,778	1,889,612	83,434,146	136,004,138
18. Sheet Metal Products—						
Under 5 employees.....	43	115	144,843	7,462	225,731	521,613
5 to 14 ".....	67	595	882,955	34,883	1,004,545	2,608,129
15 " 49 ".....	57	1,644	2,566,741	119,170	4,547,306	9,644,338
50 " 99 ".....	24	1,745	2,766,885	102,863	4,437,264	10,008,059
100 " 199 ".....	18	2,614	4,417,107	267,647	9,646,159	18,129,849
200 " 499 ".....	16	5,599	9,559,256	475,963	26,352,732	46,457,807
500 and over.....	5	4,546	7,236,496	411,466	16,778,244	28,329,760
Totals.....	230	16,858	27,574,283	1,419,454	62,991,981	115,699,555
19. Foods Miscellaneous—						
Under 5 employees.....	87	234	285,937	17,234	1,540,126	2,180,942
5 to 14 ".....	107	937	1,376,196	75,445	5,180,730	11,503,935
15 " 49 ".....	64	1,814	2,572,248	145,620	19,740,670	27,576,509
50 " 99 ".....	10	685	1,086,479	79,750	7,328,469	10,148,908
100 " 199 ".....	13	1,829	2,660,005	230,382	25,732,040	36,449,060
200 " 499 ".....	4	1,384	1,777,316	47,249	16,251,120	22,192,584
500 and over.....	1					
Totals.....	286	6,893	9,758,181	598,880	78,782,164	110,051,938

41.—Principal Statistics of the Twenty-Five Leading Industries of Canada, Grouped According to Number of Employees per Establishment, 1946—concluded

Group and Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
20. Cotton Yarn and Cloth—						
Under 5 employees.....	1					
5 to 14 ".....	2	21	18,779	1,307	56,132	79,997
15 " 49 ".....	3	87	92,426	6,761	429,868	907,546
50 " 99 ".....	3	243	252,191	32,036	443,309	866,444
100 " 199 ".....	6	911	1,260,840	106,230	2,715,691	5,150,229
200 " 499 ".....	10	3,010	3,897,400	284,281	10,122,544	16,520,658
500 and over.....	16	16,390	23,568,707	2,429,138	48,728,086	86,303,576
Totals.....	41	20,662	29,090,343	2,859,753	62,495,630	109,828,450
21. Breweries—						
Under 5 employees.....	2					
5 to 14 ".....	5	53	118,379	15,612	105,839	506,323
15 " 49 ".....	9	285	554,635	88,079	687,459	3,550,948
50 " 99 ".....	20	1,501	2,869,865	334,341	3,981,178	18,730,715
100 " 199 ".....	16	2,220	4,261,039	458,724	6,704,655	31,469,660
200 " 499 ".....	6	1,612	3,124,274	300,344	5,739,996	27,651,089
500 and over.....	3	2,973	6,815,557	415,498	6,197,372	27,390,852
Totals.....	61	8,644	17,743,749	1,612,598	23,416,499	109,299,587
22. Hosiery and Knitted Goods—						
Under 5 employees.....	28	55	77,709	1,685	299,732	825,207
5 to 14 ".....	41	393	494,502	11,857	1,154,459	2,077,330
15 " 49 ".....	79	2,330	2,817,263	98,979	6,000,368	11,211,980
50 " 99 ".....	36	2,550	2,899,945	109,275	5,424,907	11,047,087
100 " 199 ".....	29	4,275	4,535,893	185,570	8,367,099	18,314,180
200 " 499 ".....	26	8,394	10,259,026	481,654	15,351,896	35,733,906
500 and over.....	8	6,944	9,126,169	367,380	10,672,418	25,999,009
Totals.....	247	24,941	30,210,507	1,256,400	47,270,879	105,208,699
23. Printing and Publishing—						
Under 5 employees.....	367	897	1,009,306	91,001	368,191	1,986,029
5 to 14 ".....	222	1,717	2,356,570	115,460	798,081	4,627,882
15 " 49 ".....	99	2,597	3,876,083	127,980	1,717,913	8,486,483
50 " 99 ".....	46	3,238	5,772,158	147,307	2,815,065	14,485,386
100 " 199 ".....	19	2,621	4,804,967	104,745	1,983,429	11,938,588
200 " 499 ".....	13	3,852	7,181,828	179,180	4,798,395	20,862,057
500 and over.....	9	6,540	14,845,396	272,229	12,097,014	41,918,639
Totals.....	775	21,462	39,846,308	1,037,902	24,578,088	104,305,064
24. Fish Curing and Packing—						
Under 5 employees.....	177	469	343,543	27,197	3,834,018	4,859,379
5 to 14 employees.....	231	1,979	1,633,473	133,446	9,413,244	13,243,604
15 " 49 ".....	131	3,255	3,466,970	259,207	16,631,428	24,284,868
50 " 99 ".....	27	1,903	2,508,800	108,280	12,224,427	17,775,906
100 " 199 ".....	14	1,976	3,072,082	247,499	13,604,124	21,040,602
200 " 499 ".....	6	1,745	2,774,881	268,059	12,305,587	18,996,932
Totals.....	586	11,327	13,799,809	1,103,688	68,012,828	100,201,291
25. Boots and Shoes, Leather—						
Under 5 employees.....	22	54	47,193	2,568	81,618	143,937
5 to 14 ".....	43	404	430,416	10,767	885,547	1,523,343
15 " 49 ".....	94	2,770	3,396,846	61,141	6,464,631	11,781,185
50 " 99 ".....	64	4,648	6,044,381	98,264	11,357,243	20,227,795
100 " 199 ".....	46	6,301	8,146,044	130,890	14,695,465	27,461,275
200 " 499 ".....	22	6,449	8,523,308	126,236	15,373,562	28,485,644
500 and over.....	3	1,708	2,435,408	51,964	3,482,748	6,812,072
Totals.....	294	22,334	29,023,596	481,830	52,340,814	96,435,251

Subsection 5.—Power and Fuel

Power.—Power equipment installed in manufacturing establishments is a very good barometer of the industrial development of Canada, inasmuch as production is increasingly dependent on power equipment. Increases and decreases in productive capacity, measured in horse-power, are not the result of temporary fluctuations in costs and values in the same manner as capital investments, values of products, etc. Of course, power equipment installed is not a measure of the actual utilization of power for there is generally an excess over actual requirements, i.e., over power equipment in operation. Producers must have an installed operating margin in excess of normal requirements to provide for booming business conditions or breakdown of part of the plant; in times of depression this margin increases. Then, too, the practice in factories, etc., of installing individual motors to each machine in place of large central motors increases total installed capacity. If spare or idle machinery could be deducted from total installation over a long period of time, the resultant data would be more informative. Reports of such spare or idle equipment are available, however, only since 1934, and the percentage of equipment not in regular use has been approximately the same each year, viz., about 6 p.c. Power equipment figures, unless such deductions can be made over a long term, will not reflect temporary depressions.

Electric motors in the manufacturing industries operated by purchased power are included with primary power equipment and consequently the central electric stations producing the power are not included as manufacturing industries. Electric motors operated by power generated within these industries are not included in Table 42 with the primary power equipment that produces the power to operate them but they are shown separately, together with the total of all electric motors for each year. These totals indicate the rate of growth of electric drive in these industries in Canada, which has increased from 61.3 p.c. of the total power equipment in 1923 to 80.6 p.c. in 1946.

Of the total increase in power equipment employed in manufacturing industries since 1923, 78.8 p.c. was in electric motors operated on power purchased from central electric stations. However, some sections of Canada are not well provided with water power and in such sections primary power derived from steam engines or turbines, and internal combustion engines (which include all gasoline engines, gas engines (natural, coal, and producer gas), and compression-ignition engines) has also increased rapidly during the period covered. During the period 1923-46 there was an increase of 25 p.c. in the capacity of water wheels, 86 p.c. in the capacity of steam engines, while the capacity of electric motors and internal combustion engines more than quadrupled during the same period.

In the Provinces of Prince Edward Island, Nova Scotia, New Brunswick, Saskatchewan, and Alberta, primary power produced from fuels is an important factor in power utilization.

**42.—Power Equipment Installed in the Manufacturing Industries of Canada, 1931-45,
with Details by Provinces and Industrial Groups, 1946**

Year and Province or Group	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Total	Electric Motors Operated by Purchased Power	Total Power Equipment	Electric Motors Operated by Power Generated by Establishments Reporting	Total Electric Motors
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
Totals, 1931...	780,487	73,376	667,546	1,521,409	2,578,523	4,099,932	539,430	3,117,953
Totals, 1932...	735,986	68,551	653,204	1,457,735	2,684,923	4,142,658	510,837	3,195,760
Totals, 1933...	738,297	76,583	657,685	1,472,565	2,662,445	4,135,008	497,392	3,159,837
Totals, 1934...	771,494	87,126	597,675	1,459,289	2,770,383	4,229,672	544,711	3,315,097
Totals, 1935...	774,166	88,265	603,717	1,466,148	2,865,340	4,331,488	512,177	3,377,517
Totals, 1936...	743,184	92,486	648,489	1,484,153	2,977,711	4,461,867	528,501	3,506,215
Totals, 1937...	831,703	98,233	649,557	1,582,493	3,129,796	4,712,283	602,955	3,732,745
Totals, 1938...	830,897	111,645	733,377	1,665,915	3,303,801	4,969,723	659,741	3,963,545
Totals, 1939...	827,801	121,997	731,390	1,681,188	3,364,099	5,045,287	694,450	4,058,549
Totals, 1940...	848,596	152,240	727,051	1,727,887	3,563,048	5,290,935	724,769	4,287,817
Totals, 1941...	917,474	179,461	724,199	1,821,134	4,028,912	5,856,076	710,112	4,769,054
Totals, 1942...	927,509	224,358	711,751	1,893,618	4,168,402	6,062,020	800,917	4,969,319
Totals, 1943...	988,280	257,873	749,593	1,995,746	4,420,105	6,415,851	760,636	5,180,735
Totals, 1944...	1,013,615	288,312	729,216	2,031,143	4,437,296	6,468,439	779,717	5,217,013
Totals, 1945...	1,015,294	295,123	709,598	2,020,015	4,586,636	6,606,651	787,930	5,374,566
PROVINCE								
Prince Edward Island.....	1,278	1,713	1,447	4,438	1,257	5,695	—	1,257
Nova Scotia.....	71,325	21,910	14,671	107,906	95,370	203,276	65,204	160,574
New Brunswick.....	83,850	18,046	28,043	129,948	141,234	271,182	54,600	195,834
Quebec.....	205,405	66,195	320,264	591,864	1,871,289	2,463,153	164,193	2,035,482
Ontario.....	437,441	107,910	257,320	802,671	1,986,765	2,789,436	361,668	2,348,433
Manitoba.....	15,303	10,238	34	25,575	154,163	179,738	6,193	160,356
Saskatchewan.....	16,459	19,362	—	35,821	47,598	83,419	277	47,875
Alberta.....	28,281	30,640	—	58,921	91,465	150,386	6,276	97,741
British Columbia.....	173,189	91,950	111,080	376,219	260,829	637,048	161,960	422,789
Yukon and North-west Territories.....	99	494	—	593	23	616	—	23
Totals, 1946	1,032,639	368,458	732,859	2,133,956	4,649,993	6,783,949	820,371	5,470,364
INDUSTRIAL GROUP								
Vegetable products.....	113,345	45,744	24,970	184,059	370,440	554,499	52,299	422,739
Animal products.....	24,673	15,267	2,897	42,837	169,797	212,634	4,979	174,776
Textiles and textile products.....	24,941	3,280	25,247	53,468	248,117	301,585	28,512	276,629
Wood and paper products.....	578,322	237,248	620,288	1,435,858	1,877,930	3,313,788	569,249	2,447,179
Iron and its products.....	170,337	43,375	1,377	215,089	977,382	1,192,471	112,687	1,090,069
Non-ferrous metal products.....	32,982	6,844	46,507	86,343	469,350	555,693	27,332	496,682
Non-metallic mineral products.....	57,239	15,072	803	73,114	258,902	332,016	9,403	268,305
Chemicals and allied products.....	27,779	1,411	10,770	39,960	245,030	284,990	13,559	258,589
Miscellaneous industries.....	3,011	217	—	3,228	33,045	36,273	2,351	35,396

¹ Includes "steam engines" 525,573 h.p. and "steam turbines" 507,066 h.p.

Fuel and Electricity. -Fuel is used quite generally throughout the industrial field for the generation of power by means of steam and internal combustion engines. It is also used for the heating of plants, and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to the materials to facilitate or accomplish the desired transformation are foundries and machine shops, brick, tile, lime, and cement-making, petroleum refining, the glass industry, distilleries, food preparation, rubber goods, etc. Fuel used for such heating purposes, as well as for power, is included in the figures of Table 43. In addition to the electricity used for ordinary power purposes, the figures include also the electricity used for heating boilers in the pulp and paper industry. Consumption of surplus energy in electric boilers increased rapidly during the years preceding the Second World War.

The figures of the table do not include coke charged to iron-blast furnaces or foundry cupolas. Neither do they include fuels that constitute the raw materials to be transformed as coal in the coke and gas industries and crude petroleum in the refining industry.

The value of fuel consumed increased 123 p.c. from 1939 to 1946. Part of the increase was due to an increase in the quantity used and part to the rise in the unit cost of fuels of all kinds. Electricity, on the other hand, has increased during the same period by 65 p.c. The groups of industries in which fuel was most extensively used in 1946 were: iron and its products, wood and paper products, non-ferrous metals and non-metallic mineral products.

Quebec is the largest user of electric power, having used 47.6 p.c. of the Dominion total in 1946.

43.—Fuel and Electricity Used in the Manufacturing Industries of

Year and Province or Group	Bituminous Coal				Anthracite	
	Canadian		Imported			
	short tons	\$	short tons	\$	short tons	\$
Totals, 1932	1,578,341	8,433,592	2,255,296	12,004,969	136,947	1,002,634
Totals, 1933	1,499,715	7,571,912	2,026,113	10,770,107	145,017	1,033,154
Totals, 1934	1,812,712	9,220,235	2,123,376	12,151,844	166,242	1,166,745
Totals, 1935	1,889,364	9,681,361	2,135,592	12,427,515	173,188	1,194,905
Totals, 1936	2,122,583	10,886,270	2,383,166	13,683,753	176,869	1,274,078
Totals, 1937	2,907,671	15,648,467	2,828,519	16,255,262	173,993	1,253,376
Totals, 1938	2,484,071	13,553,411	2,455,613	14,266,262	152,194	1,107,168
Totals, 1939	2,893,613	15,744,444	2,262,378	13,386,496	167,465	1,151,278
Totals, 1940	3,306,682	19,381,414	3,204,513	19,707,934	171,271	1,347,910
Totals, 1941	3,121,155	19,940,895	4,689,123	31,835,408	180,189	1,540,230
Totals, 1942	3,469,131	24,312,873	5,301,273	38,940,599	236,494	2,126,707
Totals, 1943	2,971,872	21,853,184	6,510,494	50,089,082	265,537	2,372,290
Totals, 1944	2,538,345	19,785,479	7,336,983	55,667,410	228,795	2,231,277
Totals, 1945	2,262,325	17,339,084	6,221,434	51,584,560	214,975	2,094,925
PROVINCE						
Prince Edward Island.....	7,632	79,499	19	241	42	693
Nova Scotia.....	393,005	2,622,257	94	1,276	416	7,170
New Brunswick.....	531,695	4,064,983	701	7,342	850	14,360
Quebec.....	567,590	5,389,421	1,599,786	14,492,157	83,348	779,195
Ontario.....	158,173	1,497,371	4,173,391	33,491,476	75,354	788,471
Manitoba.....	134,053	1,063,551	20,452	210,639	11,981	166,856
Saskatchewan.....	97,362	760,522	215	2,660	475	3,215
Alberta.....	99,029	484,794	32	367	127	1,392
British Columbia.....	289,821	2,092,419	302	5,417	6,546	51,392
Yukon and Northwest Territories.....	200	3,250	—	—	—	—
Totals, 1946	2,278,560	18,058,067	5,794,992	48,211,575	179,139	1,812,744
INDUSTRIAL GROUP						
Vegetable products.....	210,296	1,651,518	930,091	7,314,842	50,326	594,132
Animal products.....	206,920	1,756,485	279,482	2,510,604	11,113	107,307
Textiles and textile products.....	146,926	1,314,887	399,070	3,610,311	27,682	247,363
Wood and paper products.....	707,526	5,683,049	1,810,718	15,482,791	27,789	253,119
Iron and its products.....	391,752	2,745,340	744,552	6,035,017	32,894	317,985
Non-ferrous metal products.....	217,000	1,750,548	571,091	4,825,430	5,811	58,437
Non-metallic mineral products.....	310,759	2,426,415	963,283	5,343,329	11,083	101,886
Chemicals and allied products.....	79,724	656,979	367,087	2,816,494	10,744	109,253
Miscellaneous industries.....	7,657	72,846	29,618	272,757	1,697	23,262

¹ Includes gasoline and kerosene.² Includes fuel and electricity used in smelters for metallurgical purposes.

Canada, 1932-45, with Details by Provinces and Industrial Groups, 1946

Lignite		Coke		Fuel Oils	Wood	Gas	Other Fuel ¹	Elec- tricity	Total
short tons	\$	short tons	\$	\$	\$	\$	\$	\$	\$
156,097	497,154	322,829	1,592,015	4,684,642	1,183,066	1,692,700	974,884	34,764,666	70,129,722
158,437	522,626	288,811	1,574,426	4,606,527	1,633,689	4,827,310	981,591	33,092,334	66,615,676
193,820	601,520	319,410	1,670,877	5,182,216	1,450,553	5,734,229	1,549,086	38,150,061	76,877,366
215,341	684,396	376,928	1,921,138	5,981,169	1,419,130	5,707,589	1,773,040	40,489,645	81,279,888
233,138	740,099	344,797	1,883,025	6,381,311	1,421,076	6,583,603	1,962,450	43,781,481	88,597,116
265,440	759,690	657,994	5,169,524	8,580,369	1,636,098	7,404,919	2,867,421	50,032,810	109,697,846
223,536	692,428	585,467	4,493,824	8,103,428	1,614,941	7,381,904	2,803,022	47,900,172	101,916,560 ²
238,698	740,593	596,077	4,870,875	8,560,418	1,562,119	7,891,892	3,155,016	50,509,121	107,572,252 ²
319,499	965,229	689,878	5,797,070	12,360,737	1,751,781	10,172,976	7,062,852	58,429,262	136,980,175 ²
366,010	1,177,150	728,871	6,388,461	17,734,137	1,896,181	12,554,559	9,819,759	71,754,501	174,641,317 ²
359,534	1,166,125	724,264	7,002,130	21,345,936	2,213,637	13,180,067	11,224,569	85,205,846	206,718,489 ²
345,359	1,085,734	752,916	7,260,866	22,402,629	2,463,573	15,198,110	11,272,877	91,950,030	225,954,375 ²
421,351	1,522,417	803,179	7,909,168	21,822,975	2,310,460	16,890,106	9,711,478	87,639,383	225,583,153 ²
425,293	1,525,867	801,706	7,606,247	21,333,878	2,229,111	15,078,350	9,592,233	83,999,865	212,384,120 ²
-	-	167	2,898	5,365	6,176	-	19,434	34,523	148,829
53	835	23,006	127,718	569,022	37,912	1,481,021	354,522	1,498,334	6,700,067
966	5,591	3,121	36,892	312,128	161,994	21,806	335,330	1,620,639	6,581,065
133	1,652	123,398	1,253,332	6,807,208	1,025,632	2,919,611	2,645,456	39,656,910	74,970,574
674	9,008	427,805	4,368,295	11,584,331	465,502	7,777,833	4,664,027	28,692,173	93,338,487
239,410	896,632	10,864	129,616	437,892	187,577	209,756	412,617	2,294,223	6,009,359
70,231	289,212	948	4,637	499,963	50,307	284,610	224,094	1,182,008	3,301,228
76,635	188,401	1,944	20,864	110,331	16,891	976,484	368,812	1,703,344	3,871,680
6,587	50,946	99,899	940,581	3,513,866	229,181	297,244	1,697,499	6,588,168	15,466,713
-	-	-	-	32,358	8,099	-	18,233	2,783	64,723
394,689	1,412,277	631,152	6,884,833	23,872,464	2,189,271	13,968,365	10,740,021	83,273,105	210,452,725 ²
131,002	463,857	39,143	508,532	1,684,585	585,959	1,132,415	2,549,556	6,029,219	22,514,615
106,372	429,457	22,791	111,092	868,985	663,129	300,913	1,698,851	3,264,792	11,711,525
1,810	13,453	3,410	27,732	557,304	43,691	84,971	256,606	4,574,739	10,731,055
4,202	24,694	5,285	43,445	3,167,749	218,277	223,876	2,945,031	27,995,595	56,037,626
109,429	347,434	68,285	488,541	6,837,321	95,422	4,142,735	1,417,977	12,311,523	34,739,295
1,323	7,337	226,981	2,859,529	2,680,051	28,501	493,263	341,473	14,663,028	27,707,597
37,893	140,467	318,300	2,760,345	7,125,884	533,387	7,453,934	939,865	5,535,105	32,360,617
2,178	12,388	6,497	79,653	898,745	12,115	87,531	481,954	8,185,360	13,340,472
380	3,190	460	6,054	51,840	8,790	48,727	108,711	713,744	1,309,921

PART II.—PROVINCIAL AND LOCAL DISTRIBUTION OF MANUFACTURING PRODUCTION

This part of the Report is introduced by a general analysis of the concentration of the manufacturing industries in the provinces. In the sections that follow, the principal features of the manufactures of each province are brought out and finally the distribution of manufacturing throughout the principal cities and towns of the Dominion is shown.

Ontario and Quebec are by far the most important manufacturing provinces of Canada. Their combined production in 1946 amounted to \$6,252,495,222 or 78 p.c. of the gross value of manufactured products of the Dominion. The proximity of Ontario to the coalfields of Pennsylvania, the water power and other varied resources of the two provinces, and their nearness to the larger markets of Canada and the United States have all contributed to the above result.

Table 1 shows the outstanding predominance of Ontario and Quebec in each industrial group. Quebec leads in the manufacture of textiles, but in each of the other groups Ontario has the greater production. The standing of these two provinces is most nearly approached by British Columbia in the case of the wood and paper products group, where the latter province accounts for 16.1 p.c. of the gross production compared with 35.6 p.c. for Ontario and 35.5 p.c. for Quebec; in each of the other groups the positions of Ontario and Quebec lead by a wide margin. Previous to 1941, Table 1 has shown the value of production in each province, by industry. With the establishment of many vital war plants throughout Canada, it was not possible to publish this detail during the war years, and the provincial distribution by groups, instead of by industries is given. In this way the publication of figures relating to individual establishments has, in many cases, been avoided.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1946

Province and Group	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada						
Vegetable products.....	5,916	137,170	206,893,681	871,436,061	575,963,454	1,469,914,130
Animal products.....	4,528	102,844	151,517,837	849,242,804	271,279,430	1,132,233,759
Textiles and textile products...	3,082	164,737	228,018,323	459,664,221	418,263,665	888,658,943
Wood and paper products....	11,994	224,121	366,049,562	679,343,485	749,055,011	1,484,436,122
Iron and its products.....	2,358	249,279	475,812,983	635,344,199	735,459,371	1,405,542,865
Non-ferrous metal products.	740	84,853	150,366,178	413,022,247	278,461,262	719,191,106
Non-metallic mineral products.....	910	36,493	63,848,640	240,485,869	173,638,196	446,484,682
Chemicals and chemical products.....	1,017	37,278	66,538,532	159,308,350	203,639,442	376,288,264
Miscellaneous industries.....	704	21,381	31,641,518	50,387,530	61,245,149	112,942,600
Totals.....	31,249	1,058,156	1,740,687,254	4,358,234,766	3,467,004,980	8,035,692,471
Prince Edward Island						
Vegetable products.....	33	245	262,282	950,275	527,396	1,511,420
Animal products.....	96	811	667,542	4,987,354	1,503,518	6,555,307
Wood and paper products....	106	445	342,475	460,110	636,456	1,123,304
Iron and its products.....	6	152	242,256	263,842	295,857	575,699
All other groups ¹	5	102	136,914	920,465	506,208	1,434,580
Totals.....	246	1,755	1,651,469	7,582,046	3,469,435	11,200,310

¹ Includes textiles, non-metallic minerals and chemicals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1946—continued

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia						
Vegetable products.....	160	3,147	4,074,434	9,941,637	9,182,812	19,584,643
Animal products.....	238	4,479	5,361,729	29,134,963	11,066,875	40,663,263
Textiles and textile products	30	2,397	2,601,101	5,888,590	5,200,615	11,288,121
Wood and paper products...	860	7,348	8,967,342	18,058,905	16,953,383	36,329,530
Iron and its products.....	68	10,507	18,713,446	18,128,159	21,388,175	42,029,197
Non-metallic mineral pro- ducts.....	21	1,441	2,692,129	16,587,427	6,076,552	24,305,321
Chemicals and chemical pro- ducts.....	16	359	590,968	2,513,536	1,761,857	4,380,379
Miscellaneous industries.....	4	46	59,110	101,263	108,604	212,966
Totals.....	1,397	29,724	43,060,259	100,354,480	71,738,873	178,793,420
New Brunswick						
Vegetable products.....	149	2,957	3,880,241	28,848,415	10,035,189	39,611,771
Animal products.....	201	3,300	3,366,524	16,704,209	7,223,198	24,323,155
Textiles and textile products	20	1,975	2,429,490	3,796,159	4,436,654	8,458,604
Wood and paper products....	556	9,360	14,301,842	37,922,696	31,219,354	73,577,899
Iron and its products.....	32	3,696	6,949,937	3,638,894	10,937,011	14,983,484
Non-metallic mineral pro- ducts.....	21	307	437,047	743,502	1,213,274	2,201,828
Chemicals and chemical pro- ducts.....	8	222	413,410	2,741,396	1,111,440	3,894,551
Miscellaneous industries ¹ ...	6	915	1,373,428	1,994,028	1,607,257	3,702,449
Totals.....	993	22,732	33,151,919	96,389,299	67,783,377	170,753,741
Quebec						
Vegetable products.....	1,855	40,599	59,530,796	210,709,596	154,425,130	370,615,635
Animal products.....	1,866	34,799	46,039,865	203,331,806	76,697,826	282,790,238
Textiles and textile products	1,745	90,312	124,974,989	253,852,836	232,343,258	491,637,370
Wood and paper products....	3,840	72,159	118,173,148	243,345,019	256,345,090	527,311,296
Iron and its products.....	533	65,436	124,818,420	137,967,257	184,846,559	330,375,759
Non-ferrous metal products.	193	24,536	43,450,930	116,964,349	84,846,488	213,677,920
Chemicals and chemical pro- ducts.....	240	9,506	16,508,648	65,114,647	50,760,696	126,049,931
Miscellaneous industries.....	327	13,893	23,813,603	50,544,497	68,970,904	122,786,625
	219	6,036	8,675,702	15,649,089	16,755,927	32,726,747
Totals.....	10,818	357,276	565,986,105	1,297,009,099	1,125,991,848	2,497,971,521
Ontario						
Vegetable products.....	2,484	68,455	106,303,969	433,535,809	289,442,715	734,685,876
Animal products.....	1,505	34,860	55,687,173	297,943,326	95,126,366	397,619,498
Textiles and textile products	1,969	62,619	88,483,615	168,923,082	157,862,117	330,901,182
Wood and paper products....	3,319	84,230	140,498,833	234,510,901	276,910,901	527,825,173
Iron and its products.....	1,241	142,765	272,854,241	424,445,021	432,981,909	879,156,689
Non-ferrous metal products.	466	54,424	94,813,566	223,684,543	179,835,354	415,291,772
Chemicals and chemical pro- ducts.....	443	18,817	33,250,556	104,062,806	85,584,503	204,854,445
Miscellaneous industries.....	534	19,351	34,791,639	87,690,705	105,176,302	199,676,206
	363	12,599	18,533,255	27,434,399	36,364,455	64,512,860
Totals.....	11,124	498,120	845,216,517	2,001,900,592	1,659,281,622	3,751,523,701

¹ Includes non-ferrous metals.

1.—Summary Statistics of Manufactures of Each Province, Classified by Industrial Groups, 1946—concluded

Province and Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Manitoba						
Vegetable products.....	264	5,245	7,923,303	48,374,849	25,928,097	75,514,988
Animal products.....	206	7,986	13,146,183	99,218,186	24,304,787	124,336,784
Textiles and textile products	111	4,649	5,901,098	18,612,673	10,601,583	29,350,755
Wood and paper products....	528	6,861	10,237,146	15,332,164	20,916,815	37,248,226
Iron and its products.....	104	9,831	18,042,446	18,946,075	24,560,395	44,738,951
Non-ferrous metal products..	27	986	1,477,030	10,458,859	4,142,189	14,854,476
Non-metallic mineral products.....	42	1,278	1,917,867	5,740,254	5,957,922	12,918,953
Chemicals and chemical products.....	37	654	991,259	3,487,987	3,365,949	6,929,111
Miscellaneous industries.....	38	877	1,382,013	2,925,888	3,003,068	5,994,855
Totals.....	1,357	38,367	61,018,345	223,096,935	122,780,805	351,887,099
Saskatchewan						
Vegetable products.....	181	2,702	4,160,727	35,541,535	12,623,923	48,950,092
Animal products.....	96	3,871	6,113,007	49,889,664	11,427,038	61,878,529
Textiles and textile products	6	151	186,434	1,260,938	427,888	1,699,028
Wood and paper products....	580	3,231	3,772,780	4,808,819	6,976,326	12,027,076
Iron and its products.....	39	555	903,799	1,057,655	1,556,538	2,677,181
Non-metallic mineral products.....	33	845	1,629,384	16,084,380	4,258,119	21,258,459
Chemicals and chemical products.....	11	106	162,413	360,230	587,312	963,089
Miscellaneous industries ¹	9	496	1,027,773	17,592,540	602,486	18,903,165
Totals.....	955	11,957	17,956,317	126,595,761	38,459,630	168,356,619
Alberta						
Vegetable products.....	280	4,586	7,019,001	47,421,753	26,839,416	75,033,065
Animal products.....	149	5,379	8,665,943	80,884,581	17,033,682	98,594,171
Textiles and textile products	29	865	1,108,582	2,311,401	2,101,052	4,434,880
Wood and paper products....	697	5,843	7,673,009	14,825,581	15,032,964	30,276,895
Iron and its products.....	74	2,966	5,590,952	5,173,186	7,632,867	13,059,146
Non-ferrous metal products..	7	83	134,715	287,894	300,217	596,214
Non-metallic mineral products.....	48	2,256	3,505,579	17,136,615	10,194,245	28,470,159
Chemicals and chemical products.....	18	486	922,771	1,040,910	3,820,536	5,424,071
Miscellaneous industries.....	13	185	318,536	343,255	780,032	1,143,266
Totals.....	1,315	22,649	34,939,088	169,425,176	83,735,011	257,031,867
British Columbia						
Vegetable products.....	507	9,223	13,722,254	56,087,285	46,937,972	104,354,880
Animal products.....	171	7,359	12,469,867	67,478,712	26,896,140	95,472,814
Textiles and textile products	70	1,721	2,280,898	5,184,797	5,106,677	10,367,036
Wood and paper products....	1,502	34,630	62,069,125	110,060,332	124,037,264	238,668,181
Iron and its products.....	260	13,339	27,619,952	25,689,647	51,182,526	77,852,777
Non-ferrous metal products..	43	3,916	8,862,192	43,805,898	8,104,894	54,956,585
Non-metallic mineral products.....	60	2,003	3,807,682	14,884,478	9,293,299	25,949,868
Chemicals and chemical products.....	64	2,162	4,781,845	10,356,547	18,551,847	31,366,250
Miscellaneous industries.....	54	1,131	1,892,830	2,160,837	3,242,033	5,539,497
Totals.....	2,731	75,484	137,506,645	335,708,533	293,352,652	644,527,898
Yukon and N.W.T.						
Vegetable products.....	3	11	16,974	24,907	20,804	51,760
Wood and paper products....	6	14	13,862	18,958	26,488	48,532
All other groups ²	4	67	169,724	128,980	361,435	546,003
Totals.....	13	92	200,560	172,845	408,727	646,295

¹ Includes non-ferrous metals.² Includes iron and its products, non-ferrous metal products, non-metallic mineral products, and miscellaneous industries.

SIZE OF MANUFACTURING ESTABLISHMENT IN EACH PROVINCE 87

The degree of concentration of manufacturing production in large units is illustrated in Table 2. In the Province of Quebec 35.3 p.c. of all persons engaged in manufacturing were employed in establishments having 500 or more employees, as compared with 32.3 p.c. for Canada as whole. Ontario ranked second with 34.0 p.c., followed by Nova Scotia with 32.4 p.c., New Brunswick 26.0 p.c., Manitoba 24.2 p.c., British Columbia 22.7 p.c., Alberta 13.8 p.c., and Saskatchewan 9.1 p.c. There were no plants in Prince Edward Island with an employment of 500 persons.

2.—Concentration of Manufacturing Production in Each Province, 1946

Province	Number of Establishments Employing 500 or More Persons	Percentage of Total Number of Establishments in Province	Provincial Percentage of Number of Employees Accounted for by these Establishments
Prince Edward Island.....	Nil	—	—
Nova Scotia.....	9	0.6	32.4
New Brunswick.....	7	0.7	26.0
Quebec.....	106	1.0	35.3
Ontario.....	160	1.4	34.0
Manitoba.....	6	0.4	24.2
Saskatchewan.....	2	0.2	9.1
Alberta.....	4	0.3	13.8
British Columbia.....	17	0.6	22.7
Canada.....	311	1.0	32.3

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946

Provinces and Groups	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Canada—						
Under 5 employees....	13,810	32,664	29,506,046	3,948,256	143,036,820	210,474,495
5 to 14 " " " "	8,190	67,530	90,440,349	6,602,001	258,449,346	442,271,586
15 " 49 " " "	5,488	146,939	217,475,996	14,087,771	562,288,330	1,006,913,822
50 " 99 " " "	1,759	122,919	188,280,559	12,930,049	500,085,783	904,650,486
100 " 199 " " "	1,032	144,240	225,926,451	20,800,843	587,267,121	1,091,945,826
200 " 499 " " "	659	202,114	338,952,099	43,403,826	861,426,779	1,632,016,446
500 and over.....	311	341,750	650,105,751	108,679,979	1,445,680,587	2,747,420,010
Totals.....	31,249	1,058,156	1,740,687,254	210,452,725	1,358,234,766	2,835,692,171
Prince Edward Island—						
Under 5 employees....	155	356	171,953	25,639	1,348,763	1,876,955
5 to 14 " " " "	56	503	433,924	42,284	2,414,341	3,392,898
15 " 49 " " "	33	896	1,045,592	80,906	3,818,942	5,930,457
50 " 99 " " "	2					
Totals.....	246	1,755	1,651,469	148,829	7,582,046	11,200,310

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946 —continued

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Nova Scotia—						
Under 5 employees....	667	1,591	992,277	98,583	4,660,971	6,977,642
5 to 14 " ..	435	3,566	3,810,775	285,105	11,893,670	20,366,634
15 " 49 " ..	204	5,230	6,422,680	457,106	19,621,227	32,361,458
50 " 99 " ..	51	3,702	5,454,100	701,143	11,951,121	23,184,026
100 " 199 " ..	18	2,474	3,515,685	285,849	6,584,451	12,707,869
200 " 499 " ..	13	3,514	5,551,017	1,032,936	14,760,051	28,082,407
500 and over.....	9	9,647	17,313,725	3,839,345	30,882,989	55,113,384
Totals.....	1,397	29,724	43,060,259	6,700,067	100,354,480	178,793,420
New Brunswick—						
Under 5 employees....	479	1,197	817,556	111,007	2,801,970	4,632,479
5 to 14 " ..	295	2,421	2,724,613	277,052	8,399,769	14,315,955
15 " 49 " ..	141	3,430	4,127,186	423,239	15,092,803	23,477,791
50 " 99 " ..	40	2,741	3,726,615	264,232	12,521,939	19,794,407
100 " 199 " ..	14	1,828	2,359,066	171,327	4,762,372	10,378,511
200 " 499 " ..	17	5,211	7,900,033	1,746,659	33,897,746	50,719,240
500 and over.....	7	5,904	11,496,850	3,587,549	18,912,700	47,435,358
Totals.....	993	22,732	33,151,919	6,581,065	96,389,299	170,753,741
Quebec—						
Under 5 employees....	5,200	12,035	11,358,050	1,489,797	61,870,259	88,486,460
5 to 14 " ..	2,523	20,914	27,089,549	1,616,478	75,899,625	132,380,801
15 " 49 " ..	1,891	51,108	71,487,577	3,551,070	166,994,133	308,802,650
50 " 99 " ..	579	40,222	57,388,239	3,351,116	142,641,144	261,617,311
100 " 199 " ..	320	44,192	65,043,679	5,658,620	167,744,638	310,628,109
200 " 499 " ..	199	62,507	99,559,852	16,353,972	257,278,212	493,252,578
500 and over.....	106	126,298	234,059,159	42,949,521	424,581,088	902,803,611
Totals.....	10,818	357,276	565,986,105	74,970,574	1,297,009,039	2,497,971,521
Ontario—						
Under 5 employees....	4,274	10,074	9,836,794	1,463,206	54,791,918	77,692,989
5 to 14 " ..	3,117	25,667	36,133,741	2,595,576	99,528,579	171,957,782
15 " 49 " ..	2,225	59,903	93,099,331	6,574,589	243,229,532	439,067,129
50 " 99 " ..	779	54,537	86,180,415	5,658,416	210,672,047	392,459,545
100 " 199 " ..	519	73,140	116,149,383	10,191,924	267,234,021	516,893,567
200 " 499 " ..	350	105,503	179,757,981	17,440,021	364,460,693	745,812,802
500 and over.....	160	169,296	324,058,902	49,414,755	761,983,802	1,410,639,887
Totals.....	11,424	498,120	845,216,547	93,338,487	2,001,900,592	3,751,523,701
Manitoba—						
Under 5 employees....	597	1,456	1,293,806	161,224	4,718,204	7,572,313
5 to 14 " ..	376	3,201	4,311,576	360,003	16,301,938	25,103,382
15 " 49 " ..	232	6,457	9,153,481	736,581	32,209,231	50,729,113
50 " 99 " ..	83	5,965	9,138,982	963,360	40,059,963	69,048,231
100 " 199 " ..	42	6,139	9,503,207	1,479,841	25,855,424	51,949,758
200 " 499 " ..	21	5,877	10,103,265	1,475,586	34,110,938	58,772,290
500 and over.....	6	9,272	17,514,028	832,764	69,841,237	94,712,012
Totals.....	1,357	38,367	61,018,345	6,009,359	223,096,935	351,887,099
Saskatchewan—						
Under 5 employees....	588	1,334	882,619	125,898	1,904,344	3,812,076
5 to 14 " ..	239	1,891	2,448,671	359,765	12,603,117	18,126,497
15 " 49 " ..	82	2,207	3,390,215	423,709	14,146,234	22,474,878
50 " 99 " ..	28	1,947	3,064,497	334,254	10,378,403	18,610,084
100 " 199 " ..	11	1,428	2,317,135	424,550	21,198,904	27,300,302
200 " 499 " ..	5	3,150	5,853,180	1,633,052	66,364,759	78,032,782
500 and over.....	2					
Totals.....	955	11,957	17,956,317	3,301,228	126,595,761	168,356,619
Alberta—						
Under 5 employees....	718	1,737	1,470,218	201,279	5,869,567	9,097,662
5 to 14 " ..	350	2,801	3,792,957	366,249	14,205,156	21,968,572
15 " 49 " ..	159	4,090	6,067,942	418,996	17,464,205	30,432,858
50 " 99 " ..	48	3,414	5,327,910	394,989	23,315,166	38,177,140
100 " 199 " ..	24	3,278	5,407,233	801,845	31,638,707	50,211,434
200 " 499 " ..	12	4,200	7,125,468	1,371,129	33,787,033	54,903,798
500 and over.....	4	3,129	5,747,360	317,193	43,145,342	52,240,403
Totals.....	1,315	22,649	34,939,088	3,871,680	169,425,176	257,031,867

3.—Principal Statistics of the Manufacturing Industries of Canada and Each Province, Grouped According to the Number of Employees per Establishment, 1946—concluded

Provinces and Groups	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
British Columbia—						
Under 5 employees....	1,122	2,861	2,654,401	263,967	5,031,114	10,230,500
5 to 14 " ..	798	6,560	9,685,463	617,418	17,192,061	34,633,058
15 " 49 " ..	519	13,681	22,736,455	1,378,766	49,699,519	93,526,166
50 " 99 " ..	149	10,265	17,782,233	1,250,352	48,436,459	87,345,994
100 " 199 " ..	84	11,761	21,631,063	1,786,887	62,248,604	111,876,276
200 " 499 " ..	42	13,245	25,049,780	2,489,817	75,359,775	143,425,962
500 and over.....	17	17,111	37,967,250	7,599,506	77,741,001	163,459,942
Totals.....	2,731	75,484	137,506,645	15,466,713	335,708,533	644,527,898
Yukon and Northwest Territories—						
Under 5 employees....	10	23	28,372	7,656	39,710	95,419
5 to 14 " ..	1	69	172,188	57,067	133,135	550,876
15 " 49 " ..	2					
Totals.....	13	92	200,560	64,723	172,845	646,295

Section 1.—The Manufactures of the Maritime Provinces, 1946

In Prince Edward Island the predominant agricultural and fishery resources make butter and cheese, and fish-curing and packing, the leading manufactures of the Province. Nova Scotia is renowned for its coal mines and its fisheries, as well as extensive forests and agricultural lands and is favoured with easy access by sea to the high-grade iron-ore supply of Newfoundland. On these resources are based the leading manufactures of primary iron and steel, shipbuilding and repairs, fish-curing and -packing, sawmills, pulp and paper, and butter and cheese. In addition to this, important petroleum refineries and coke and gas plants add to the diversification of manufacturing in the Province. The forests of New Brunswick give a leading place to its pulp and paper and sawmilling industries, although fish and agricultural products add to the varied output. Sugar refining and the production of railway rolling-stock also form important branches of manufacturing production.

4.—Statistics of the Leading Industries of the Maritime Provinces, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
PRINCE EDWARD ISLAND						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	68	651	483,093	3,300,314	1,146,315	4,479,928
2 Butter and cheese.....	26	146	160,534	1,673,587	331,333	2,035,711
3 Fruit and vegetable preparations..	4	91	101,788	512,909	218,675	742,955
4 Sawmills.....	86	207	74,353	284,271	269,782	562,631
5 Bread and other bakery products.	13	85	78,093	176,513	134,841	321,453
6 Printing and publishing.....	4	130	160,925	53,851	226,415	288,742
7 Planing mills.....	4	39	49,618	80,061	63,929	146,454
8 All other leading industries.....	8	188	297,631	1,188,575	684,554	1,893,491
Totals, Leading Industries.	213	1,537	1,406,035	7,270,081	3,075,841	10,171,365
Totals, All Industries	246	1,755	1,651,469	7,582,016	3,169,135	11,200,310

4.—Statistics of the Leading Industries of the Maritime Provinces, 1946—concluded

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
NOVA SCOTIA						
	No.	No.	\$	\$	\$	\$
1 Fish curing and packing.....	192	3,641	4,222,532	23,261,705	8,701,541	32,273,346
2 Sawmills.....	617	3,619	3,231,603	9,427,246	6,605,408	16,159,079
3 Primary iron and steel.....	5	4,377	7,752,182	9,176,713	4,054,041	14,942,738
4 Shipbuilding and repairs.....	23	3,631	6,726,461	3,515,030	9,724,992	13,499,055
5 Pulp and paper.....	5	882	1,986,558	3,176,565	4,000,230	8,175,564
6 Butter and cheese.....	26	540	767,041	4,095,287	1,570,236	5,774,730
7 Railway rolling-stock.....	3	745	1,271,422	2,777,448	2,222,698	5,227,960
8 Fruit and vegetable preparations.....	20	887	950,783	2,810,185	1,717,255	4,679,124
9 Bread and other bakery products.....	87	762	1,022,479	2,265,124	2,041,757	4,459,918
10 Planing mills, sash and door fac-tories.....	56	792	974,460	2,449,408	1,444,995	3,960,099
11 Biscuits, confectionery, cocoa, etc.....	8	802	1,009,386	2,008,635	1,766,793	3,829,441
12 Hosiery and knitted goods.....	4	852	896,325	1,657,737	1,800,484	3,512,688
13 Printing and publishing.....	34	849	1,385,413	659,942	2,659,356	3,374,431
14 Aerated and mineral waters.....	29	248	375,580	575,501	1,640,898	2,262,416
15 Fertilizers.....	3	90	121,451	1,655,668	441,117	2,107,382
16 All other leading industries.....	7	2,159	3,680,513	18,561,972	8,784,218	29,002,292
Totals, Leading Industries.....	1,119	24,876	36,374,189	88,071,166	59,176,019	153,240,263
Totals, All Industries.....	1,397	29,724	43,060,259	100,354,480	71,738,873	178,793,420
NEW BRUNSWICK						
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	6	3,368	7,123,993	20,517,578	18,140,636	42,739,296
2 Sawmills.....	411	3,276	3,534,745	10,475,578	6,629,108	17,230,075
3 Fish curing and packing.....	148	2,240	1,934,521	9,147,004	3,984,216	13,378,101
4 Miscellaneous foods.....	7	344	426,818	8,673,104	843,651	9,531,688
5 Butter and cheese.....	32	390	493,114	3,629,396	1,210,132	4,936,423
6 Planing mills, sash and door fac-tories.....	41	838	1,110,134	3,699,238	1,655,410	4,409,881
7 Bread and other bakery products.....	77	715	1,006,250	2,051,227	1,777,170	3,959,212
8 Slaughtering and meat packing.....	3	250	406,454	2,876,536	1,041,949	3,951,744
9 Fertilizers.....	3	181	339,362	2,612,061	850,470	3,484,020
10 Stock and poultry feeds.....	6	130	198,383	2,760,887	341,704	3,125,296
11 Heating and cooking apparatus.....	3	672	1,088,365	891,411	1,764,509	2,717,218
12 Biscuits, confectionery, cocoa, etc.....	9	591	579,607	1,238,334	1,351,431	2,642,226
13 All other leading industries.....	11	5,101	8,977,036	18,944,664	17,294,034	37,210,665
Totals, Leading Industries.....	757	18,096	27,218,782	86,517,018	56,881,420	149,315,845
Totals, all industries.....	993	22,732	33,151,919	96,389,299	67,783,377	170,753,741

¹ Individual statistics cannot be given because there are fewer than three establishments in each industry. Such industries are: in Prince Edward Island, starch and glucose, castings and forgings, sheet metal products, fertilizers, cotton and jute bags; in Nova Scotia: cotton yarn and cloth, miscellaneous iron and steel products, wire, coke and gas, and petroleum; in New Brunswick: sugar refineries, railway rolling-stock, cotton yarn and cloth, silk and artificial silk goods and veneer and plywoods, breweries, shipbuilding, and brooms, brushes and mops.

Section 2.—The Manufactures of Quebec, 1946

Among the assets of Quebec that have tended to develop manufacturing industries in the Province may be mentioned its natural resources of forests, water powers, minerals, and agricultural lands, and also its geographic position astride the St. Lawrence estuary permitting sea-going shipping to reach its main centres of population. Added to these natural advantages, there is a stable and industrious population, which is an important factor in industries such as textiles, clothing, boots and shoes, etc., where a large labour force is required.

The most notable change among the manufactures of Quebec in recent years has been the development of the non-ferrous metal smelting industry. This industry first appeared among the forty leading industries of the Province in nineteenth place in 1927. It has been in second place since 1935, with the exception of 1942 when it was in first place.

Quebec with about 31 per cent of the Dominion output in 1946 was the second largest manufacturing province. The production of pulp and paper again occupied the premier position which was held during 1942 by non-ferrous metal smelting and refining and in 1943 and 1944 by miscellaneous chemical products. In addition to accounting for about 11 per cent of the gross value of Quebec manufactures in 1946, the pulp and paper industry furnished about 50 per cent of the Dominion total for this industry. The value of tobacco products totalled approximately 89 per cent, cotton yarn and cloth 71 per cent, women's factory clothing 68 per cent, silk 68 per cent, leather boots and shoes 65 per cent, men's factory clothing 59 per cent, railway rolling-stock 54 per cent, fur goods 48 per cent, and hosiery and knitted goods 41 per cent of the Dominion totals of these industries. Quebec is thus an outstanding manufacturing province by reason of her large individual industries and not so much on account of a great diversification of manufacturing activity.

5.—Statistics of the Leading Industries of the Province of Quebec, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Pulp and paper.....	50	21,628	48,230,279	110,153,483	130,761,861	265,989,953
2 Clothing, women's factory.....	702	19,785	28,484,579	62,386,741	55,561,988	118,193,625
3 Non-ferrous metal smelting and refining.....	6	4,706	9,219,149	63,620,424	32,195,891	106,254,910
4 Clothing, men's, factory.....	334	14,820	26,578,282	47,538,322	23,233,822	56,550,767
5 Railway rolling-stock.....	10	13,385	27,770,157	31,568,311	1,800,000	8,188,285
6 Cotton yarn and cloth.....	16	13,726	20,302,896	45,888,379	9,300,000	78,148,200
7 Slaughtering and meatpacking.....	33	3,340	5,969,938	66,800,321	9,200,000	70,749,938
8 Tobacco, cigars and cigarettes.....	51	8,370	11,238,413	11,096,256	31,213,822	72,515,106
9 Sawmills.....	1,989	11,581	12,309,305	41,541,973	24,202,772	66,160,934
10 Petroleum products.....	6	1,465	3,076,642	42,101,046	18,703,005	63,510,289
11 Boots and shoes, leather.....	195	14,707	18,286,224	34,675,039	27,605,672	62,555,915
12 Butter and cheese.....	972	4,224	5,277,863	48,818,179	9,664,130	59,611,193
13 Electrical apparatus and supplies.....	50	12,809	22,738,340	25,796,463	32,720,757	59,193,595
14 Silk and artificial silk.....	27	9,105	12,814,208	17,945,790	26,101,629	44,451,328
15 Machinery.....	58	8,758	15,687,098	15,721,623	27,891,880	44,301,572
16 Hosiery and knitted goods.....	103	10,283	12,790,198	19,196,890	23,751,754	48,372,805
17 Bread and other bakery products.....	1,046	8,064	10,881,441	18,404,423	18,404,423	27,744,100
18 Breweries.....	8	3,216	6,889,682	7,468,063	23,902,821	31,949,882
19 Shipbuilding.....	10	6,785	13,505,617	14,559,194	16,359,621	31,382,338
20 Medicinal and pharmaceutical preparations.....	86	3,450	6,060,294	16,818,114	23,198,372	31,241,733
21 Aircraft.....	8	8,935	19,129,503	4,702,362	24,251,749	29,486,360
22 Sheet metal products.....	51	4,825	7,611,187	10,094,874	17,037,708	20,232,472
23 Rubber goods.....	20	6,142	8,974,774	10,839,402	17,013,297	28,406,472
24 Furniture.....	254	6,465	9,286,410	13,185,493	14,590,364	28,067,400
25 Miscellaneous foods.....	75	1,464	2,258,127	18,852,519	9,003,188	28,074,228
26 Fur goods.....	261	3,064	4,942,500	19,039,426	8,521,892	27,630,349
27 Flour and feed mills.....	164	1,059	1,865,087	22,190,667	4,901,903	27,350,744
28 Planing mills, sash and door factories.....	490	4,868	6,462,271	17,118,680	9,448,407	26,440,328
29 Printing and publishing.....	73	5,157	9,128,221	6,143,453	18,806,404	25,421,249
30 Stock and poultry feeds.....	56	8,806	1,277,174	20,740,344	2,681,826	23,427,760
31 Biscuits, confectionery, cocoa, etc.....	63	3,312	3,300,741	1,881,741	3,309,841	22,888,941
32 Hardware, tools and cutlery.....	60	4,653	7,508,842	9,655,801	15,391,421	27,444,000
33 Boxes and bags, paper.....	47	3,951	4,802,810	12,234,356	9,475,166	22,822,477
34 Paints, pigments and varnishes.....	27	2,157	2,508,506	10,640,003	10,660,479	21,712,952
35 Brass and copper products.....	39	3,441	5,344,877	12,923,500	8,593,000	14,526,777
36 Printing and bookbinding.....	446	5,542	8,881,350	7,175,207	1,788,447	20,134,111
37 Fruit and vegetable preparations.....	174	2,725	2,828,438	13,542,848	6,838,411	9,379,259
38 Castings, iron.....	58	3,914	7,445,656	7,905,229	12,575,000	20,000,000
39 Distilleries.....	7	1,486	2,724,606	8,767,976	11,265,244	20,100,000
40 Woollen cloth.....	41	3,000	4,268,601	11,534,060	8,168,345	20,760,000
Totals, Leading Industries	8,166	270,915	434,823,393	1,036,298,607	864,086,676	1,957,162,716
Totals, All Industries	10,818	357,276	565,986,105	1,237,009,099	1,125,991,848	2,497,971,521
Percentage of Leading Industries to All Industries.....	75.4	75.8	76.8	79.9	76.7	78.4

NOTE—Sugar refining is also one of the leading industries. Statistics however cannot be published.

Section 3.—The Manufactures of Ontario, 1946

The gross value of the manufactured products of Ontario in 1946 represented about 48 p.c. of the total for the whole Dominion, while that of Quebec amounted to about 31 p.c. This premier position in manufacturing has been fairly uniformly maintained by Ontario, as the following percentages show: 1926, 52 p.c.; 1918, 53 p.c.; 1910, 50 p.c.; 1900, 50 p.c.; 1890, 51 p.c.; and 1880, 51 p.c. In spite of the rapid industrial development in recent years in other provinces, such as Quebec, British Columbia and Manitoba, Ontario is maintaining a manufacturing production roughly equal to that of the remainder of the Dominion.

The geographic position of Ontario on the Great Lakes waterway system, by means of which the iron ore of Minnesota and the coal of Pennsylvania are readily accessible; the wide range of natural resources of forests, minerals, water powers, and agriculture; a large population and excellent water and rail transportation facilities to other parts of the country, have all encouraged industrial development. Other factors have been proximity to one of the most densely populated sections of the United States and the establishment within the Province of branch factories of United States industries, as in automobile manufacturing.

Industries producing capital or durable goods, which constitute an important factor in the manufactures of Ontario, were particularly hard hit during the early years of the depression preceding the Second World War. Thus, production was disproportionately curtailed in such important industries as automobiles, electrical equipment, machinery, agricultural implements, primary iron and steel, etc. This resulted in a lowering of the manufacturing production of the whole Province relatively to that of other provinces less affected by these influences. With the recovery since 1933 and the expansion in production resulting from the Second World War these industries in general have made good recovery, and Ontario, which accounted for 49 p.c. of the gross value of all products manufactured in the Dominion in 1933, had by 1942 increased the relative value to 50.5 p.c. In 1946 the percentage dropped again to 46.7, thus indicating a relatively greater expansion of production in other provinces.

Ontario also has the greatest diversification of manufacturing production of any province. Outstanding among the industries in which this province is pre-eminent are those of automobiles, agricultural implements, starch, bicycles and carpet manufacture which are carried on practically in this province alone. Other important industries in which Ontario leads, with the percentage which the production of each bears to that of the Dominion total, in 1946, are as follows: abrasives 87.1, miscellaneous non-ferrous metal products 86.5, leather tanneries 86.3, soap and washing compounds 85.2, rubber goods 82.1, cordage, rope and twine 81.3, clay products from imported clay 77.8, primary iron and steel 74.7, woollen yarn 73.1, electrical apparatus and supplies 72.7, aluminium products 72.7, salt 67.6, toilet preparations 61.3, coke and gas products 58.5, acids, alkalies and salts 55.7, flour and feed 54.4, hosiery and knitted goods 52.6, furniture 50.4, glass and glass products 50.3.

6.—Statistics of the Leading Industries of the Province of Ontario, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Automobiles.....	6	21,322	43,455,884	135,104,927	54,284,551	192,030,801
2 Electrical apparatus and supplies.....	184	30,322	59,524,552	10,822,438	44,749,370	170,544,457
3 Pulp and paper.....	43	14,521	52,954,722	11,780,806	77,988,892	162,452,083
4 Slaughtering and meatpacking.....	66	7,214	13,364,186	16,904,680	15,891,455	134,499,782
5 Flour and feed mills.....	639	1,341	6,726,268	12,827,572	16,877,519	141,778,946
6 Rubber goods, including rubber footwear.....	32	15,864	28,762,443	51,275,405	76,336,400	136,924,552
7 Non-ferrous metal smelting and refining.....	7	6,103	12,691,148	81,917,267	29,313,063	119,239,878
8 Primary iron and steel.....	27	15,078	94,064,066	27,809,593	10,708,994	111,301,838
9 Automobile supplies.....	81	14,144	26,158,824	41,114,700	65,144,475	88,422,047
10 Butter and cheese.....	805	8,381	12,703,211	25,568,743	23,426,476	88,473,118
11 Machinery.....	187	15,580	26,387,334	30,417,514	71,791,926	88,136,202
12 Petroleum products.....	15	3,352	6,474,804	56,347,000	23,801,447	88,920,432
13 Fruit and vegetable preparations.....	209	9,680	11,650,190	18,714,123	53,541,644	83,385,937
14 Sheet metal products.....	124	10,171	16,956,277	41,909,000	32,289,425	70,355,881
15 Bread and other bakery products.....	1,033	14,230	20,364,187	31,326,820	33,597,445	66,880,611
16 Agricultural implements.....	31	13,109	24,471,196	4,000,000	21,417,800	59,648,789
17 Hosiery and knitted goods.....	127	15,051	15,068,502	24,809,742	24,782,477	55,380,435
18 Castings, iron.....	100	10,804	20,665,555	6,000,143	11,387,895	52,671,122
19 Printing and publishing.....	294	9,706	18,700,157	1,000,000	18,594,540	79,059,078
20 Leather tanneries.....	29	4,449	7,788,690	3,100,000	11,200,000	4,131,823
21 Hardware, tools and cutlery.....	190	10,645	18,700,157	13,200,000	11,500,000	48,000,000
22 Biscuits, confectionery, cocoa, etc.....	90	6,907	6,701,546	6,901,546	7,401,546	31,000,000
23 Brass and copper products.....	97	6,206	11,317,685	3,000,000	1,000,000	4,500,000
24 Clothing, men's, factory.....	130	9,624	13,000,000	3,000,000	21,000,000	41,000,000
25 Clothing, women's, factory.....	335	8,064	13,588,246	22,469,000	22,469,000	44,588,114
26 Food, miscellaneous.....	122	3,648	5,196,291	29,305,817	14,994,779	44,539,691
27 Printing and bookbinding.....	598	10,219	15,161,328	17,000,000	20,762,000	44,427,475
28 Boxes and bags, paper.....	87	6,764	9,690,385	22,581,418	18,863,853	41,769,614
29 Sawmills.....	1,022	7,635	8,841,523	22,196,338	19,027,769	41,526,408
30 Miscellaneous paper products.....	99	4,754	7,510,088	21,343,464	17,984,320	39,723,155
31 Furniture.....	310	10,055	15,116,914	10,742,000	22,142,000	39,417,871
32 Railway rolling-stock.....	15	5,789	11,659,986	18,168,596	19,024,563	37,823,325
33 Feeds, stock and poultry.....	91	1,797	2,982,053	29,722,630	7,169,237	37,257,738
34 Breweries.....	22	2,710	5,664,179	8,356,551	28,354,082	37,190,926
35 Coke and gas products.....	18	2,964	5,306,627	22,432,773	11,154,482	36,661,440
36 Tobacco processing and packing.....	10	914	1,337,733	31,246,064	3,522,675	34,852,949
37 Medicinal and pharmaceutical preparations.....	99	3,992	6,439,258	12,229,955	21,180,045	33,580,046
38 Woollen cloth.....	41	5,811	8,162,456	17,655,238	14,381,044	31,000,000
39 Soaps, washing compounds, etc.....	70	2,497	5,040,079	17,046,781	14,994,121	32,592,075
40 Jewellery and silver-plated ware.....	100	4,431	7,345,723	18,267,401	12,140,644	30,590,757
Totals, Forty Leading Industries.....	7,600	356,993	616,315,866	1,572,314,107	1,181,140,195	2,824,090,668
Totals, All Industries.....	11,424	498,120	815,276,514	2,009,990,593	1,659,384,625	3,754,523,701
Percentage of Leading Industries to All Industries.....	66.5	71.7	72.9	78.5	71.4	75.3

Section 4.—The Manufactures of the Prairie Provinces, 1946

The leading industries of these Provinces are those based on their agricultural resources—their grain-growing, cattle-raising, and dairying areas. Next in importance, generally, are industries providing for the more necessary needs of the resident population, such as the baking of bread, printing and publishing, etc. The extensive railway services require large shops for the maintenance of rolling-stock, especially in the Winnipeg area. The widespread use of motor-vehicles and power machinery on farms has given rise to petroleum refineries in each province. The greatly increased production of crude petroleum in Alberta seems likely to lead to further development of the refining industry. Manitoba, as the early commercial centre of

the prairies, has had a greater industrial development than either of the other provinces. Its natural resources of accessible water powers, forests, and, more recently, minerals, have given rise to quite a diversification of industrial production.

Considering the Prairie Provinces as an economic unit, slaughtering and meat packing had the largest gross value of production in 1946, amounting to \$211,887,820, followed by flour and feed mills with \$91,168,034, butter and cheese \$57,039,341, and petroleum products \$43,889,825. These four industries accounted for 52 p.c. of the total production of the Prairie Provinces. Other leading industries, in the order named, were: railway rolling-stock, breweries, bread and other bakery products, sawmills, printing and publishing, etc.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1946

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
MANITOBA						
	No.	No.	\$	\$	\$	\$
1 Slaughtering and meat packing...	12	4,629	8,141,688	78,268,464	15,454,438	94,167,163
2 Flour and feed mills.....	37	785	1,220,881	23,111,920	3,752,566	27,073,112
3 Railway rolling-stock.....	4	5,430	10,674,131	10,140,359	11,174,777	21,806,635
4 Butter and cheese.....	90	1,545	2,506,876	13,463,553	4,767,075	18,536,315
5 Clothing, men's factory.....	37	1,910	2,248,608	5,577,516	4,311,149	9,925,705
6 Miscellaneous foods.....	18	375	517,484	6,650,181	1,794,248	8,481,279
7 Clothing, women's factory.....	38	1,463	2,026,363	5,130,229	3,274,767	8,432,746
8 Breweries.....	6	602	1,198,752	1,682,473	6,345,960	8,166,145
9 Bags, cotton and jute.....	5	299	422,880	6,309,779	1,334,945	7,663,520
10 Bread and other bakery products	130	1,442	2,042,182	3,483,947	3,552,678	7,269,234
11 Malt mills.....	3	212	451,529	3,305,563	2,490,095	6,054,450
12 Biscuits, confectionery, cocoa, etc.	14	739	884,615	2,490,068	3,183,714	5,753,162
13 Printing and bookbinding.....	82	1,445	2,232,931	1,901,444	3,616,318	5,579,377
14 Printing and publishing.....	79	1,260	1,969,125	1,266,375	4,143,647	5,479,277
15 Fur goods.....	54	696	1,056,938	3,506,768	1,834,711	5,352,959
16 All other leading industries ¹	3	499	1,152,559	9,571,501	5,042,450	15,389,211
Totals, Leading Industries.	612	23,331	38,717,542	175,866,140	76,072,938	255,130,290
Totals, All Industries.....	1,357	38,367	61,018,345	223,096,935	122,780,805	351,887,099
SASKATCHEWAN						
1 Slaughtering and meat packing...	8	2,233	3,847,970	33,351,608	6,903,836	40,530,080
2 Flour and feed mills.....	37	803	1,407,399	26,776,239	3,092,736	30,282,634
3 Butter and cheese.....	69	1,464	2,006,632	15,817,810	4,088,011	20,179,912
4 Petroleum products.....	7	576	1,160,143	15,619,338	3,268,847	19,705,687
5 Breweries.....	5	388	705,274	1,291,297	5,452,797	6,852,625
6 Bread and other bakery products	91	1,009	1,284,987	2,786,958	2,419,931	5,351,563
7 Sawmills.....	390	1,349	903,609	1,672,775	2,178,140	3,947,249
8 Printing and publishing.....	109	950	1,563,560	705,810	2,758,153	3,527,464
9 Foods, stock and poultry.....	9	104	179,414	1,762,664	327,933	2,118,892
10 Miscellaneous foods.....	8	152	187,692	1,585,814	354,247	1,957,440
11 Planing mills, sash and door fac- tories.....	21	329	472,483	932,547	786,353	1,748,820
12 Aerated and mineral waters.....	19	136	224,635	441,607	693,023	1,171,523
13 All other leading industries ¹	4	549	1,096,048	19,384,395	955,547	21,068,993
Totals, Leading Industries.	777	10,042	15,039,846	122,128,862	33,279,554	158,442,882
Totals, All Industries.....	955	11,957	17,956,317	126,595,761	38,459,630	168,356,619
ALBERTA						
1 Slaughtering and meat packing...	11	3,559	6,119,527	64,719,860	12,090,525	77,190,577
2 Flour and feed mills.....	71	997	1,652,265	28,029,445	5,510,912	33,812,288
3 Petroleum products.....	4	595	1,184,612	14,732,788	4,608,999	19,941,937
4 Butter and cheese.....	107	1,525	2,169,841	14,031,563	4,029,407	18,323,114

For footnote, see end of table.

7.—Statistics of the Leading Industries of the Prairie Provinces, 1946—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
ALBERTA—concluded						
	No.	No.	\$	\$	\$	\$
5 Breweries.....	5	574	1,059,556	1,955,280	8,058,924	10,105,964
6 Sawmills.....	420	2,224	2,345,924	4,445,778	3,747,109	9,383,450
7 Bread and other bakery products	12	1,708	2,928,022	4,663,777	4,200,283	8,412,187
8 Planing mills, sash and door fac- tories.....	47	954	1,390,773	4,023,300	2,853,537	6,944,471
9 Railway rolling-stock.....	3	1,429	3,071,140	2,080,449	3,664,295	5,519,901
10 Printing and publishing.....	83	918	1,566,247	727,715	3,333,541	4,109,470
11 Feeds, stock and poultry.....	24	264	386,138	3,221,210	725,580	3,983,201
12 Clothing, men's factory.....	7	529	682,798	1,713,253	1,346,753	3,069,018
13 Fruit and vegetable preparations.....	8	257	330,536	1,569,228	1,108,787	2,792,802
14 Miscellaneous foods.....	15	116	135,384	1,389,777	1,155,060	2,555,259
15 Glass products.....	3	421	646,920	1,069,579	1,331,260	2,461,508
16 Castings, iron.....	10	543	893,085	735,446	1,309,834	2,080,892
17 Printing and bookbinding.....	63	568	943,997	587,181	1,417,112	2,026,550
18 Clay products, from domestic clay	11	745	874,431	41,152	1,713,843	1,808,971
19 Machine shops.....	29	341	630,519	482,482	971,266	1,474,330
20 Boxes, wooden.....	7	261	396,660	703,686	662,893	1,381,022
21 Aerated and mineral waters.....	18	172	283,455	450,144	881,536	1,363,029
22 Biscuits, confectionery, cocoa, etc.	9	171	211,757	501,870	614,690	1,124,968
23 Furniture.....	35	267	342,085	525,981	561,225	1,097,631
24 All other leading industries ¹	10	1,421	2,426,376	11,478,825	10,200,865	22,718,793
Totals, Leading Industries.....	1,129	20,419	31,792,918	59,326,869	76,552,836	243,681,333
Totals, All Industries.....	1,315	22,649	34,939,088	169,425,176	83,735,011	257,031,867

¹ Other leading industries, individual statistics for which cannot be given because there are fewer than three establishments in each industry are: Manitoba, non-ferrous metal smelting and refining and pulp and paper; Saskatchewan, non-ferrous metal smelting and refining, cotton and jute bags, and wood preservation; Alberta, cement wood preservation, malt and malt products, sugar refineries, processed cheese, fertilizers, and bridge and structural steel.

Section 5.—The Manufactures of British Columbia, 1946

British Columbia with a gross value of production of \$644,527,898 in 1946 was again the third most important manufacturing province in the Dominion. About 20 per cent of this amount, viz., \$130,433,625 was contributed by the sawmilling industry. Shipbuilding with a value of production of \$31,680,612 was in fourth place. This industry which occupied first place during the war years was an important factor in British Columbia's manufacturing operations. At the height of its productive effort in 1943 it employed 31,238 persons who were paid \$64,939,484 in salaries and wages, while the value of production reached the unprecedented figure of \$155,536,396. In spite of its decline, the shipbuilding industry in 1946 was still the second largest employer of labour and also paid out the second highest amount in salaries and wages. Emphasizing the importance of the forests in the industrial life of the Province, the sawmilling industry ranked first with a gross value of production of \$130,433,625, and the pulp and paper industry third with \$12,030,596. Second in importance was fish curing and packing, based principally on the estuarial salmon fisheries. British Columbia accounted for 43 p.c. of the total production of this industry in Canada. Other important industries are: shipbuilding, slaughtering and meat packing, fruit and vegetable preparations, fertilizers, butter and cheese, petroleum products, veneer and plywood, etc. The varied resources of the Pacific Coast have resulted in a wide diversification of its manufactures.

8.—Statistics of the Leading Industries of the Province of British Columbia, 1946

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Materials Used	Net Value of Products	Gross Value of Products
	No.	No.	\$	\$	\$	\$
1 Sawmills	858	18,600	32,109,406	64,956,039	64,385,778	130,433,625
2 Fish curing and packing	73	3,630	6,166,172	27,832,916	14,962,918	43,256,957
3 Pulp and paper	7	4,147	10,087,386	15,725,048	23,576,986	42,030,596
4 Shipbuilding	23	6,259	13,664,846	5,062,216	26,260,513	31,680,612
5 Slaughtering and meatpacking	10	1,263	2,404,417	23,708,635	4,178,823	28,087,775
6 Fruit and vegetable preparations	73	2,246	2,912,936	14,774,100	6,255,984	21,269,911
7 Fertilizers	5	983	2,441,298	6,137,395	12,642,183	20,623,774
8 Butter and cheese	34	1,444	2,523,122	11,003,378	5,475,241	16,793,945
9 Petroleum products	5	446	985,391	11,182,019	3,420,619	15,206,344
10 Veneer and plywood	9	2,177	3,649,437	5,948,470	8,574,888	14,677,940
11 Bread and other bakery products	261	2,728	4,163,533	6,442,441	7,136,506	13,914,412
12 Foods, miscellaneous	35	604	775,336	10,996,273	1,990,310	13,036,653
13 Sheet metal products	22	899	1,690,518	7,026,790	4,018,399	11,136,133
14 Breweries	11	701	1,451,721	1,629,077	8,986,043	10,754,368
15 Machinery	33	2,050	4,205,852	3,180,641	6,444,700	9,758,602
16 All other leading industries ¹	3	4,065	8,811,862	46,077,394	22,276,191	71,542,002
Totals, Leading Industries.	1,462	52,242	98,043,233	261,682,832	220,586,032	494,203,649
Totals, All Industries	2,731	75,481	137,506,645	335,708,533	293,352,652	644,527,898

¹ Includes: Distilleries and non-ferrous metal smelting.

Section 6.—Manufacturing Industries in Urban Centres

The prosperity of most of the cities and towns of Canada, especially in the east, is intimately connected with their manufacturing industries, which provide employment for a large proportion of their gainfully occupied population. In the west the cities are more largely distributing centres, though manufactures are rapidly increasing there also.

Table 9, indicating the extent to which the manufacturing industries of Canada are concentrated in urban centres, shows by provinces the proportion of the gross manufacturing production contributed by cities and towns having a gross production of over \$1,000,000 each. In the more highly industrialized provinces of Ontario and Quebec such cities and towns in 1946 accounted for 93.6 p.c. and 92.2 p.c., respectively, of the totals for those provinces, while in the Maritime Provinces and British Columbia, where sawmilling, fish-packing, and dairying are leading industries, the proportions fell to 67.0 p.c. and 66.1 p.c. respectively. In the Prairie Provinces manufacturing is confined largely to a few urban centres.

CONCENTRATION OF MANUFACTURES IN URBAN CENTRES 97

9.—Cities and Towns Each with a Gross Manufacturing Production of Over \$1,000,000. Number of Establishments and Total Production in such Urban Centres as a Percentage of the Grand Total, by Provinces, 1946

NOTE.—Statistics published in this table are in some cases higher than the figures published in Table 12, since, in the table below are included statistics of towns with less than three establishments and production of over \$1,000,000 each. It was not possible to publish this information except in summary form in Table 12 without disclosing the operations of individual establishments.

Province	Urban Centres with a Gross Production of over \$1,000,000 each	Establishments Reporting in Urban Centres Producing over \$1,000,000 each	Total Production in Urban Centres Producing over \$1,000,000 each	Total Production in each Province	Production in Urban Centres as a Percentage of Total Production in each Province
	No.	No.	\$	\$	p.c.
Prince Edward Island.....	2	55	4,493,917	11,200,310	40.1
Nova Scotia.....	21	410	119,506,017	178,793,420	66.8
New Brunswick.....	14	303	118,007,712	170,753,741	69.1
Quebec.....	114	6,206	2,303,800,205	2,497,971,521	92.2
Ontario.....	157	9,088	3,514,149,230	3,754,523,701	93.6
Manitoba.....	6	869	311,994,908	351,887,099	88.7
Saskatchewan.....	7	313	131,244,741	168,356,619	78.0
Alberta.....	9	559	217,273,827	257,031,867	84.5
British Columbia.....	16	1,701	426,181,134	644,527,898	66.1
Yukon and Northwest Territories.....	—	—	—	646,295	—
Canada.....	346	19,504	7,146,651,691	8,035,692,471	88.9

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-46

NOTE.—The dyeing, cleaning and laundry industry is included for the years prior to 1936.

City and Year	Establishments	Capital	Employees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Montreal.....						
1933	2,226	363,342,078	80,212	74,150,933	148,504,215	300,636,197
1937	2,474	415,816,451	105,931	112,652,112	281,407,645	511,481,054
1939	2,501	423,234,648	105,315	114,602,118	254,188,246	483,246,583
1940	2,519	475,575,804	118,774	138,118,813	334,350,566	604,806,394
1941	2,669	556,538,023	147,917	187,239,445	444,557,884	803,685,931
1942	3,007	629,809,985	169,987	240,888,491	541,625,660	976,767,738
1943	2,992	721,223,427	194,643	307,922,631	665,209,935	1,184,114,458
1944	3,109	2	185,708	308,396,358	650,618,563	1,215,988,014
1945	3,404	2	181,679	304,247,761	600,919,272	1,144,175,108
1946	3,785	2	173,507	291,381,617	602,667,823	1,147,945,303
Toronto.....						
1933	2,604	388,995,096	75,645	80,855,883	146,286,472	308,983,639
1937	2,797	423,350,508	96,247	115,520,050	247,422,008	475,470,149
1939	2,885	447,009,768	98,702	122,553,435	240,532,281	482,532,331
1940	2,911	500,536,405	112,136	145,338,148	306,675,426	595,913,172
1941	3,045	554,317,600	133,099	184,267,132	391,328,916	756,923,939
1942	3,211	635,981,329	151,639	228,875,152	451,198,158	886,256,494
1943	3,238	647,907,281	156,459	259,307,913	451,504,056	961,923,997
1944	3,344	2	154,538	260,776,613	513,429,109	1,020,345,353
1945	3,482	2	146,335	244,053,112	496,204,721	961,736,716
1946	3,632	2	145,586	247,298,288	549,256,912	1,036,939,790
Hamilton.....						
1933	469	171,625,714	21,524	21,523,337	35,672,272	83,530,255
1937	479	182,730,936	32,616	40,255,040	83,978,873	170,451,205
1939	461	206,584,330	31,512	39,563,423	70,829,034	152,746,340
1940	474	230,821,923	39,081	54,139,253	106,595,186	212,587,274
1941	491	255,862,917	45,421	72,845,604	136,403,197	283,670,019
1942	482	273,212,977	50,744	85,111,817	166,078,144	347,752,196
1943	485	315,896,136	54,671	95,576,332	164,271,139	362,743,019
1944	480	2	53,500	94,982,915	171,117,467	363,033,672
1945	482	2	50,520	89,639,262	166,349,884	351,676,308
1946	501	2	45,951	80,959,432	150,977,835	308,033,098

For footnotes, see end of table, p. 98.

10.—Principal Statistics of the Manufacturing Industries of the Six Leading Manufacturing Cities of Canada, 1933-46—concluded

City and Year	Estab-lish-ments	Capital	Em-employees	Salaries and Wages	Cost of Materials	Gross Value of Products ¹
	No.	\$	No.	\$	\$	\$
Windsor.....1933	247	66,398,372	10,212	10,719,819	25,752,258	49,359,245
1937	228	77,750,511	18,650	26,919,449	78,667,058	136,896,194
1939	222	80,436,233	17,729	25,938,890	63,907,106	122,474,320
1940	215	102,896,682	20,916	37,260,970	112,991,063	194,174,159
1941	223	138,929,934	29,486	57,653,986	175,847,231	289,027,790
1942	233	208,556,146	37,057	76,276,589	240,384,518	383,323,348
1943	229	206,850,571	38,516	85,965,874	247,504,385	417,745,229
1944	231	2	35,912	80,667,573	232,102,240	387,603,874
1945	241	2	28,826	63,515,050	167,675,110	280,743,622
1946	256	2	30,889	60,315,436	138,788,813	244,925,148
Vancouver.....1933	746	74,209,271	12,094	11,754,124	28,588,106	55,160,883
1937	824	85,851,189	17,641	20,783,032	53,139,109	95,717,017
1939	829	92,797,032	17,957	22,382,192	56,565,511	101,267,243
1940	849	101,429,495	20,767	26,502,084	70,468,864	120,981,388
1941	864	115,060,608	25,223	34,132,996	90,720,812	162,982,858
1942	897	136,336,017	37,858	60,779,827	116,153,100	223,295,187
1943	898	193,795,910	45,971	81,059,815	130,442,455	288,196,900
1944	933	2	43,473	79,141,407	142,416,371	289,390,718
1945	992	2	37,599	66,144,015	137,118,244	265,034,773
1946	1,071	2	31,408	55,960,984	138,045,068	270,165,166
Winnipeg.....1933	600	73,886,398	15,336	15,155,537	28,355,612	50,287,280
1937	622	72,419,041	17,284	19,687,511	45,498,865	80,108,696
1939	648	73,255,368	17,571	20,717,273	44,873,043	81,024,272
1940	657	79,684,791	19,026	22,673,057	56,496,847	98,266,933
1941	677	105,406,381	23,831	30,169,726	73,427,543	127,913,351
1942	692	113,297,399	27,768	38,191,886	88,897,218	156,332,353
1943	688	100,511,565	24,898	35,807,283	106,485,838	174,523,234
1944	686	2	25,870	38,824,299	119,917,745	198,169,626
1945	716	2	26,206	40,115,513	117,453,819	197,523,922
1946	756	2	26,730	42,354,650	121,531,306	206,381,007

¹ Net value is derived from gross value by deducting cost of materials, fuel, and electricity. For cost of fuel and electricity in 1946 see Table 12.

² Information not collected.

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, Grouped According to the Number of Employees per Establishment, 1946.

GREATER MONTREAL

Group	Estab-lish-ments	Em-employees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	985	2,399	3,095,981	140,599	10,598,034	19,880,173
5 to 14 employees.....	1,207	10,484	15,406,779	537,364	37,833,862	70,660,791
15 " 49 ".....	1,215	33,167	49,903,227	1,664,319	110,548,731	208,536,335
50 " 99 ".....	351	24,352	37,330,147	1,612,775	91,190,003	168,550,943
100 " 199 ".....	172	23,478	37,165,783	1,795,680	99,856,036	181,771,678
200 " 499 ".....	109	35,204	58,807,621	8,014,526	132,098,358	273,124,031
500 and over.....	52	69,643	135,088,392	8,640,196	236,945,274	449,800,245
Totals.....	4,091	198,727	336,797,930	22,405,459	719,070,298	1,372,324,196

11.—Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver. Grouped According to the Number of Employees per Establishment, 1916. —con.

GREATER TORONTO

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	926	2,311	3,082,141	227,046	6,394,527	12,671,456
5 to 14 employees.....	1,248	10,798	16,959,105	643,096	32,442,434	64,530,496
15 " 49 ".....	1,056	28,017	46,066,578	1,497,734	104,194,784	196,363,736
50 " 99 ".....	316	22,006	36,672,321	1,599,541	89,848,271	167,240,957
100 " 199 ".....	166	23,591	39,114,359	2,137,979	89,371,232	173,741,331
200 " 499 ".....	108	32,778	56,043,447	3,053,522	110,721,850	229,664,622
500 and over.....	49	45,805	86,651,605	5,339,386	187,549,650	344,538,466
Totals.....	3,869	165,306	284,589,556	14,498,304	620,522,748	1,188,751,064

GREATER HAMILTON

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	133	330	402,365	32,522	713,427	1,479,639
5 to 14 employees.....	152	1,254	1,845,511	125,041	3,295,252	6,648,420
15 " 49 ".....	110	2,960	4,831,281	341,493	9,174,487	19,213,114
50 " 99 ".....	38	2,725	4,387,197	280,473	14,714,710	24,164,454
100 " 199 ".....	35	5,076	8,330,532	762,843	25,951,972	42,519,960
200 " 499 ".....	33	9,937	16,958,097	2,335,338	41,014,818	66,328,037
500 and over.....	18	23,925	44,465,554	6,595,643	57,270,486	149,809,035
Totals.....	519	46,207	81,250,537	10,473,653	152,135,152	310,162,659

GREATER WINDSOR

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	61	130	144,887	13,778	335,744	741,203
5 to 14 employees.....	82	668	1,045,612	58,442	2,414,561	5,123,797
15 " 49 ".....	57	1,571	2,893,796	173,181	7,155,170	12,555,750
50 " 99 ".....	26	1,769	3,402,362	168,331	5,488,801	13,333,974
100 " 199 ".....	19	2,540	4,683,276	341,669	9,140,746	21,196,924
200 " 499 ".....	20	6,107	11,963,285	1,303,683	17,632,777	43,382,970
500 and over.....	6	18,604	36,831,686	1,793,154	98,313,224	151,680,370
Totals.....	271	31,389	61,054,904	3,552,238	140,481,023	248,014,993

GREATER WINNIPEG

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	243	637	776,016	71,812	2,158,421	3,740,424
5 to 14 employees.....	258	2,297	3,267,012	161,730	9,194,955	15,699,586
15 " 49 ".....	207	5,804	8,299,031	515,553	29,241,551	45,941,717
50 " 99 ".....	75	5,368	8,159,867	540,307	28,593,748	47,366,686
100 " 199 ".....	38	5,558	8,620,879	1,372,262	21,206,559	45,399,298
200 " 499 ".....	17	4,706	8,059,615	568,760	31,122,470	49,311,413
500 and over.....	5	7,189	13,529,868	676,096	65,672,819	86,207,959
Totals.....	843	31,559	50,712,288	3,926,520	187,190,503	293,667,033

GREATER VANCOUVER

Group	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Under 5 employees.....	390	946	1,080,034	74,735	1,593,242	3,513,900
5 to 14 employees.....	387	3,271	5,051,959	260,947	8,275,485	17,224,491
15 " 49 ".....	299	7,949	13,521,907	738,411	29,641,963	55,501,595
50 " 99 ".....	91	6,206	11,011,977	602,722	26,795,325	50,911,841
100 " 199 ".....	56	7,926	14,557,172	788,237	46,913,963	80,358,325
200 " 499 ".....	25	7,692	14,009,410	1,176,549	47,346,443	91,179,561
500 and over.....	10	7,947	16,746,270	769,003	14,285,823	50,969,496
Totals.....	1,258	41,937	75,978,728	4,410,604	174,850,440	349,659,149

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946.

NOTE.—Statistics for cities and towns with three or more establishments cannot be published when one establishment has 75 p.c. or two establishments 90 p.c. of the total production.

Province and Municipality	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Charlottetown.....	36	479	621,239	49,056	1,323,447	2,467,096
Summerside.....	19	281	355,135	29,426	1,326,376	2,026,821
Nova Scotia—						
Amherst.....	24	753	1,109,465	146,896	1,497,885	3,374,599
Berwick.....	9	231	232,691	59,888	907,753	1,391,410
Bridgetown.....	7	193	257,807	26,773	638,222	1,236,494
Dartmouth.....	15	221	327,309	34,479	606,168	1,313,329
Digby.....	10	388	411,753	17,214	1,170,817	1,868,664
Glace Bay.....	13	197	221,329	20,795	627,751	1,104,749
Halifax.....	111	6,588	10,977,976	566,034	18,970,609	39,372,485
Kentville.....	9	277	286,736	44,865	659,484	1,284,953
Lockeport.....	3	273	372,021	32,109	1,231,705	1,992,290
Lunenburg.....	17	624	958,410	72,307	3,102,240	4,830,785
Middleton.....	9	276	339,404	40,800	1,058,100	1,749,178
New Glasgow.....	28	708	1,059,574	154,576	1,081,515	3,113,060
North Sydney.....	12	349	530,289	32,619	2,079,281	3,006,137
Pictou.....	10	985	1,360,745	103,908	2,322,072	4,435,443
Sydney.....	43	5,556	9,698,617	2,420,719	14,994,767	27,190,281
Truro.....	35	1,444	1,643,135	131,804	4,140,299	8,150,110
Windsor.....	10	337	350,289	32,912	1,638,903	2,299,189
Yarmouth.....	29	513	543,211	57,516	1,870,589	3,085,387
New Brunswick—						
Campbellton.....	13	284	357,894	26,812	592,395	1,180,294
Fredericton.....	35	791	1,033,416	100,716	2,699,557	4,933,570
Moncton.....	50	3,197	5,155,467	348,965	7,133,130	14,708,695
Newcastle.....	15	318	327,836	18,937	1,120,723	1,662,164
Sackville.....	7	669	1,064,552	59,163	978,922	2,861,758
Saint John.....	114	4,084	6,191,742	827,447	31,255,951	45,180,815
St. Stephen.....	12	417	501,449	52,682	1,444,050	2,491,375
Sussex.....	16	256	330,593	14,917	1,310,935	2,067,863
Quebec—						
Acton Vale.....	14	814	1,046,510	60,964	1,767,988	3,610,784
Asbestos.....	13	544	830,891	196,843	2,718,370	4,458,253
Beauharnois.....	13	1,115	2,059,981	582,041	3,676,300	8,102,603
Bedford.....	11	714	890,435	55,282	496,464	2,935,743
Beebe Plain.....	6	224	271,633	16,366	622,736	1,097,527
Berthier.....	17	804	928,213	138,688	1,983,150	4,530,700
Brownsburg.....	6	1,018	1,644,782	66,836	2,061,383	5,483,316
Buckingham.....	13	874	1,738,142	619,177	2,946,322	9,028,773
Cabano.....	6	281	353,945	4,678	734,896	1,227,763
Cap-de-la-Madeleine.....	28	1,118	1,464,900	189,433	2,470,386	4,318,514
Chambly Canton.....	7	432	618,878	84,385	1,717,970	1,808,445
Chicoutimi.....	24	439	591,100	40,057	1,049,079	2,000,862
Coaticook.....	23	1,013	1,215,191	86,042	2,820,992	4,934,945
Contrecoeur.....	9	279	324,326	10,143	704,575	1,188,023
Cookshire.....	8	172	223,823	14,563	590,060	1,247,169
Danville.....	12	179	218,035	67,427	658,080	1,062,732
Drummondville.....	31	7,323	10,541,263	1,111,750	10,974,215	32,131,739
Farnham.....	16	853	1,135,057	122,010	2,212,748	4,627,111
Granby.....	57	4,988	6,567,427	370,825	15,924,148	32,109,528
Grand Mère.....	28	2,082	3,107,997	929,758	7,654,714	17,105,494
Hull.....	54	3,024	4,859,811	1,148,436	13,401,574	22,860,498
Iberville.....	18	403	442,888	31,015	1,115,503	2,073,483
Joliette.....	49	1,801	2,213,971	251,881	4,913,188	8,789,511
Jonquière.....	15	466	856,706	160,622	2,187,283	3,976,591
Lachine.....	47	7,029	13,730,075	765,276	13,228,402	35,658,189
Lachute.....	8	214	309,949	75,560	728,539	1,179,439
La Pêrade (Ste Anne de).....	11	245	266,584	59,973	1,939,523	2,555,644
La Prairie.....	19	686	1,074,254	454,125	704,201	3,203,830
La Salle.....	22	2,107	3,527,172	552,774	14,404,923	30,136,447
La Sarre.....	14	176	246,666	9,634	560,659	1,085,890
L'Assomption.....	12	390	460,409	15,458	806,617	1,761,117
Lennoxville.....	9	433	563,685	115,923	1,125,632	2,518,386
L'Epiphanie.....	14	402	423,575	22,049	482,916	1,306,905
Lévis.....	30	517	595,637	33,369	1,897,699	3,086,970
Longueuil.....	31	1,850	3,414,671	148,681	3,848,767	8,377,628
Loretteville.....	31	911	846,124	19,345	1,852,696	3,293,892
Louiseville.....	20	1,067	1,244,933	40,221	2,529,225	5,204,049
Maniwaki.....	17	215	240,405	14,139	797,482	1,225,591

¹Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Quebec—Concluded—						
Marieville.....	17	593	653,477	37,970	2,160,365	3,684,284
Matane.....	15	268	410,828	4,924	991,732	1,654,994
Mégantic (Lac).....	16	491	588,610	17,117	427,782	1,190,287
Mont Laurier.....	10	184	200,650	11,279	690,108	1,218,063
Montmagny.....	34	1,411	1,698,584	92,006	3,219,370	7,020,997
Montreal.....	3,785	173,507	291,381,617	14,740,538	602,667,823	1,147,945,303
Montreal East.....	19	3,310	6,315,770	4,909,747	87,019,461	119,265,339
Nicolet.....	15	419	454,838	21,714	900,049	2,040,786
Outremont.....	16	929	1,666,110	66,397	4,340,873	8,707,601
Plessisville.....	16	760	995,712	50,251	1,286,063	2,653,702
Pointe aux Trembles.....	12	409	597,310	36,196	1,074,117	2,514,029
Pont Rouge.....	12	397	521,740	163,948	1,869,391	3,889,999
Portneuf Station.....	11	168	206,554	45,710	853,318	1,312,090
Princeville.....	13	388	465,077	29,089	2,437,406	3,097,531
Quebec.....	354	12,632	17,321,150	1,416,838	42,162,636	79,105,004
Richmond.....	11	556	670,443	27,989	1,356,365	3,100,328
Rimouski.....	20	637	946,607	30,771	2,286,974	4,106,188
Rivière du Loup.....	20	416	628,224	83,637	410,606	1,314,926
Roberval.....	9	159	166,935	8,028	646,225	1,185,976
Rock Island.....	12	689	1,280,238	61,383	1,089,734	3,679,186
St. Césaire.....	27	322	328,873	20,987	891,783	1,416,178
St. Félicien.....	12	190	292,066	16,034	1,207,725	1,689,860
St. Georges Est.....	11	393	497,150	48,866	762,629	1,582,309
St. Hyacinthe.....	70	5,132	6,458,977	388,732	14,609,880	27,186,183
St. Jean.....	58	4,664	6,833,411	564,645	10,096,785	23,137,839
St. Jérôme (Terrebonne).....	38	4,003	5,455,831	371,132	7,851,036	18,395,298
St. Lambert.....	17	678	968,794	62,327	1,894,510	4,396,791
St. Laurent.....	19	2,962	4,872,675	438,750	9,367,784	18,506,063
Ste. Marie.....	17	376	385,414	17,912	994,270	1,562,642
St. Pie.....	12	209	244,177	16,946	1,204,335	1,665,679
St. Pierre.....	10	1,899	3,829,312	594,632	3,085,926	8,054,629
St. Rémi.....	12	335	373,412	31,045	1,447,675	2,541,059
Ste. Thérèse de Blainville.....	28	1,200	1,607,933	75,075	2,242,065	5,072,097
St. Tite.....	22	387	408,279	17,622	904,983	1,682,240
Sayabec (Saindon).....	7	203	256,078	1,069	1,602,935	2,081,123
Shawinigan Falls.....	40	4,726	9,177,585	4,273,662	17,478,687	47,337,924
Sherrbrooke.....	95	8,925	15,511,650	1,069,632	10,696,632	12,192,156
Sorel.....	34	1,531	2,300,080	486,193	2,268,415	4,750,864
Terrebonne.....	15	479	729,672	26,947	1,278,873	2,530,000
Thetford Mines.....	23	307	399,785	42,618	371,250	1,091,964
Three Rivers.....	78	6,937	11,910,787	4,986,150	29,225,498	63,281,372
Thurso.....	10	224	311,111	1,887	807,260	1,085,952
Trois Pistoles.....	15	234	333,249	10,644	1,948,903	2,692,159
Valleyfield.....	45	3,176	4,483,338	440,272	7,018,153	14,487,194
Verdun.....	45	713	958,760	29,400	1,885,623	3,765,633
Victoriaville.....	40	2,069	2,652,471	90,588	5,075,499	9,403,792
Warwick.....	13	375	515,713	57,838	1,177,515	2,698,926
Waterloo.....	16	718	991,856	67,801	1,792,294	4,139,776
Westmount.....	15	1,665	3,160,990	242,215	4,358,500	11,479,698
Windsor (Mills).....	8	904	1,698,452	562,469	4,232,522	9,151,995
Ontario—						
Acton.....	19	1,098	1,550,109	175,214	7,133,720	11,187,146
Almonte.....	15	406	539,442	59,909	2,035,879	3,087,498
Amherstburg.....	10	660	1,219,232	839,128	1,725,942	6,356,953
Amprior.....	15	578	840,694	73,250	1,514,884	3,126,739
Aurora.....	9	496	795,546	46,810	3,173,205	5,377,362
Aylmer (West).....	12	332	425,720	78,258	4,125,331	5,054,344
Barrie.....	20	758	1,110,100	1,210	3,880,554	6,965,628
Bellefleur.....	44	2,000	3,090,100	551,612	4,114,000	11,280,588
Bloomfield.....	9	163	187,200	26,157	697,100	1,706,812
Bowmanville.....	14	832	1,378,812	121,546	2,745,319	6,430,907
Brampton.....	24	940	1,474,484	68,838	2,894,357	5,559,854
Brantford.....	129	12,335	21,557,001	1,124,390	31,160,887	67,916,880
Brighton.....	14	246	313,475	17,245	952,430	1,720,431
Brockville.....	36	1,638	2,521,721	239,495	10,850,108	17,540,969
Burlington.....	9	302	464,220	57,802	2,043,917	3,104,738
Caledonia.....	10	395	512,836	165,334	1,769,295	3,860,361
Campbellford.....	14	362	465,685	45,994	1,573,786	2,553,340
Carleton Place.....	9	334	1,173,345	85,795	1,633,439	3,757,347
Chatham.....	64	2,729	4,741,276	565,080	21,280,117	31,226,771
Chesley.....	11	303	434,387	26,602	904,890	1,544,523

¹Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946—continued

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Continued						
Cobourg.....	20	722	1,036,497	120,564	2,221,629	4,695,008
Collingwood.....	20	963	1,523,708	64,971	1,693,356	3,706,237
Cornwall.....	46	5,799	8,997,987	1,983,764	13,221,601	31,266,189
Dryden.....	14	573	954,959	179,505	1,928,692	4,125,436
Dundas.....	25	1,408	2,376,724	104,967	1,907,024	5,832,868
Dunnville.....	20	821	1,133,720	68,523	3,213,539	5,255,478
Durham.....	16	309	409,408	40,041	741,851	1,397,130
Eastview.....	11	557	532,585	61,028	2,676,201	3,833,425
Elmira.....	20	860	1,339,166	97,226	2,878,097	5,947,609
Elora.....	8	336	482,552	20,531	535,387	1,324,474
Essex.....	12	391	455,912	49,024	1,226,308	2,317,786
Exeter.....	8	130	151,877	22,735	675,565	1,060,704
Forest.....	13	187	249,597	28,314	862,161	1,433,818
Fort Erie.....	18	825	1,601,544	56,376	1,737,401	4,714,215
Fort William.....	54	3,221	6,813,748	1,792,412	14,242,499	31,288,572
Galt.....	76	6,224	9,031,587	485,820	12,171,036	27,982,961
Gananoque.....	14	849	1,351,369	136,390	2,061,130	4,375,021
Georgetown.....	15	992	1,927,256	169,563	3,007,697	5,826,964
Goderich.....	19	569	833,239	234,903	6,445,247	8,495,160
Gravenhurst.....	8	427	567,946	15,584	1,028,037	2,075,615
Grimsby.....	14	561	726,024	39,885	1,256,072	2,592,562
Guelph.....	99	5,703	8,887,830	582,306	15,539,932	31,580,144
Hamilton.....	501	45,561	80,959,432	10,434,888	150,977,835	308,033,098
Hanover.....	16	1,045	1,370,539	48,340	2,441,910	4,906,395
Harrow.....	5	31	140,080	21,257	913,877	1,492,272
Hespeler.....	16	1,521	2,298,708	179,643	5,231,876	9,180,783
Humberstone.....	12	797	1,185,668	67,904	6,583,519	9,103,113
Huntsville.....	17	467	664,932	52,672	3,024,907	4,785,628
Ingersoll.....	21	1,310	2,067,357	144,681	5,120,821	9,239,863
Kincardine.....	14	514	614,396	41,498	1,142,139	2,403,552
Kingston.....	52	5,294	9,113,140	849,802	15,453,614	37,196,109
Kingsville.....	12	282	399,605	26,994	5,279,428	5,937,017
Kitchener.....	174	13,403	21,857,339	1,096,646	50,036,593	94,435,211
Lewington.....	12	1,346	1,808,185	228,230	10,406,247	21,269,297
Leaside.....	49	5,712	10,731,977	439,060	19,011,450	39,627,683
Lindsay.....	35	870	1,024,032	154,006	2,715,376	4,736,932
Listowel.....	17	517	700,249	78,601	2,061,154	4,160,371
London.....	262	14,363	23,284,463	1,277,134	41,367,477	90,465,465
Long Branch.....	23	564	1,067,809	36,858	1,263,851	3,503,123
Lucknow.....	10	145	172,401	25,069	947,453	1,243,343
Meadow.....	18	389	486,905	37,263	935,135	1,772,803
Merriton.....	15	1,739	3,215,434	593,356	7,664,896	13,597,406
Midland.....	19	706	1,083,947	60,313	2,828,884	5,421,744
Milton.....	12	530	845,705	237,093	1,099,240	3,539,659
Munton.....	19	235	348,517	49,558	487,332	1,224,915
Napanee.....	15	384	527,205	70,182	828,916	1,948,868
New Hamburg.....	12	262	304,139	23,362	792,525	1,412,180
New Liskeard.....	16	573	732,438	32,247	1,580,214	2,788,699
Newmarket.....	14	871	1,356,801	97,702	3,903,376	6,656,630
New Toronto.....	27	6,073	11,927,307	965,694	33,373,038	67,273,672
Niagara Falls.....	68	6,384	11,928,948	4,448,859	21,572,309	56,205,826
North Bay.....	22	451	734,864	64,348	1,524,834	3,052,614
Norwich.....	7	114	111,269	17,090	916,902	1,230,984
Oakville.....	29	899	1,400,824	72,941	2,768,918	5,968,966
Orangeville.....	14	244	296,342	24,473	1,106,226	1,811,802
Orillia.....	38	1,967	2,729,476	168,916	3,061,062	8,173,429
Oshawa.....	54	7,245	14,219,413	860,255	39,745,853	62,343,434
Ottawa.....	206	9,491	15,628,589	1,153,247	22,944,683	53,313,353
Owen Sound.....	47	3,180	4,672,735	253,862	5,235,043	12,511,749
Paris.....	22	1,246	1,627,664	97,274	3,331,354	6,554,377
Pembroke.....	39	1,501	1,886,145	114,422	3,434,300	7,106,239
Pengeranguis Lane.....	12	478	624,220	29,848	525,699	1,490,739
Perth.....	18	875	1,173,933	74,613	2,647,338	5,755,588
Peterborough.....	87	9,422	15,744,199	894,458	47,562,873	79,164,803
Pictou.....	16	187	201,456	19,341	644,775	1,040,931
Port Arthur.....	39	2,041	4,427,788	1,034,279	6,311,763	16,053,627
Port Colborne.....	20	2,494	4,757,094	1,830,798	61,347,494	89,690,336
Port Dalhousie.....	6	171	254,138	11,262	442,331	1,058,795
Port Elgin.....	7	226	383,348	11,451	534,301	1,048,518
Port Hope.....	21	973	1,691,698	138,349	2,266,983	6,144,653
Prescott.....	15	592	730,333	25,438	736,171	2,212,569
Preston.....	33	2,481	3,862,998	165,088	5,799,894	12,238,295
Renfrew.....	23	942	1,390,138	111,251	2,682,455	5,442,855

*Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

12.—Statistics of Manufactures of Municipalities, each with a Gross Production of \$1,000,000 or Over, and with Three or More Establishments, 1946 *concluded*

Province and Municipality	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Ridgetown.....	10	205	284,585	13,707	644,904	1,286,588
St. Catharines.....	98	9,038	15,828,555	935,144	22,543,859	49,583,479
St. Mary's.....	19	612	885,197	688,870	2,599,986	5,653,028
St. Thomas.....	42	1,522	2,263,876	143,052	4,017,285	8,443,162
Sarnia.....	44	6,377	12,682,500	5,299,709	49,122,289	89,099,183
Sault Ste. Marie.....	47	5,078	10,581,713	3,570,923	26,414,688	49,637,254
Seaforth.....	13	224	312,824	26,079	2,047,638	2,627,782
Simcoe.....	25	1,385	2,053,585	155,962	11,749,199	18,201,073
Sioux Lookout.....	6	91	124,729	19,747	872,810	1,061,987
Smiths Falls.....	19	1,255	1,860,632	93,471	2,067,282	4,214,365
Southampton.....	5	305	506,503	19,657	637,729	1,484,001
Stratford.....	59	3,559	5,817,925	268,467	9,027,875	17,380,603
Strathroy.....	21	578	659,903	41,221	2,129,633	3,607,969
Streetsville.....	9	147	255,022	50,877	2,189,244	2,651,554
Swansea.....	43	866	1,315,208	106,807	3,575,462	6,347,058
Sudbury.....	6	689	1,155,390	142,154	1,542,259	3,792,653
Tavistock.....	12	196	246,570	23,376	1,612,317	2,044,202
Thorold.....	23	2,078	4,855,147	2,270,718	11,249,661	23,379,223
Tilbury.....	10	344	537,825	91,136	769,415	1,705,458
Tillsonburg.....	20	584	845,665	95,179	6,183,616	8,381,968
Timmins.....	25	487	720,257	55,163	1,193,487	2,996,599
Toronto.....	3,632	145,556	247,298,288	12,238,707	549,256,912	1,036,939,790
Trenton.....	24	1,477	1,971,423	327,001	6,570,330	11,460,243
Walkerton.....	16	491	621,929	24,296	900,652	1,950,211
Wallaceburg.....	22	2,315	3,744,751	587,542	4,143,612	11,675,097
Waterloo.....	50	2,900	4,654,834	258,129	7,438,267	19,531,374
Welland.....	52	7,199	13,426,597	2,896,364	22,173,551	52,174,529
Wellington.....	9	171	182,136	43,618	900,740	1,490,296
West Lorne.....	8	171	192,234	13,239	902,386	1,562,542
Weston.....	42	2,079	3,444,067	199,569	4,357,251	10,358,499
Whitby.....	13	434	568,937	40,685	1,232,786	2,287,118
Windsor.....	256	30,889	60,315,436	3,748,979	138,788,813	244,925,148
Wingham.....	14	371	514,454	33,917	1,676,092	2,604,712
Woodbridge.....	6	226	313,918	80,480	185,152	1,068,024
Woodstock.....	63	3,310	4,732,778	334,762	10,790,571	20,453,182
Manitoba—						
Brandon.....	29	699	1,002,229	113,571	5,832,560	7,909,688
Portage la Prairie.....	13	196	214,542	23,880	837,764	1,271,045
St. Boniface.....	58	3,845	6,874,589	547,337	63,166,872	79,928,557
Selkirk.....	8	768	1,206,740	356,827	1,207,013	3,765,922
Transcona.....	5	2,259	4,316,835	312,510	6,835,616	12,738,689
Winnipeg.....	756	26,730	42,354,650	2,625,075	121,531,306	206,381,007
Saskatchewan—						
Melville.....	11	82	108,224	30,228	2,223,789	2,611,754
Moose Jaw.....	44	1,754	3,043,353	498,065	28,869,472	34,637,823
Prince Albert.....	29	1,062	1,699,851	156,682	9,702,434	14,155,338
Regina.....	114	2,914	4,838,623	921,706	22,038,050	35,979,895
Saskatoon.....	88	2,604	4,120,170	458,829	29,817,113	38,355,470
Swift Current.....	13	302	486,212	48,593	2,798,741	3,896,206
Yorkton.....	14	176	238,691	40,486	1,074,627	1,608,255
Alberta—						
Calgary.....	237	7,252	12,395,767	1,782,470	60,353,717	93,437,758
Camrose.....	9	72	98,453	12,829	778,431	1,111,010
Edmonton.....	217	7,555	12,492,254	743,087	62,052,678	88,865,778
Grande Prairie.....	17	162	237,880	26,365	708,564	1,241,176
Lethbridge.....	34	837	1,277,609	99,486	4,604,943	9,295,850
Medicine Hat.....	25	1,155	1,594,251	108,971	11,285,794	15,022,598
Red Deer.....	12	120	182,275	32,002	1,207,593	1,679,690
British Columbia—						
Cranbrook.....	19	277	514,553	36,853	918,292	1,749,614
Kamloops.....	24	282	397,522	22,740	563,527	1,216,814
Kelowna.....	29	684	896,623	83,665	2,784,015	4,561,398
Mission.....	18	315	444,421	36,797	2,804,040	3,712,402
Nanaimo.....	33	530	868,906	50,700	1,192,760	3,184,130
Nelson.....	27	303	438,379	47,379	772,104	1,809,412
New Westminster.....	107	5,475	9,637,072	621,729	25,639,612	50,475,574
North Vancouver.....	34	3,343	7,114,092	237,860	1,917,577	15,604,024
Port Alberni.....	15	1,130	2,161,422	14,087	4,325,168	9,758,944
Port Moody.....	5	411	803,848	4,787	1,620,576	3,185,637
Prince George.....	65	508	711,445	67,585	1,395,439	2,827,302
Prince Rupert.....	24	637	1,388,600	94,873	4,220,708	7,319,917
Vancouver.....	1,071	31,408	55,960,984	3,075,458	138,045,068	270,165,166
Vernon.....	32	376	559,415	70,585	1,188,020	2,194,604
Victoria.....	182	4,816	8,496,451	539,672	11,601,934	27,021,692

¹Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Prince Edward Island—						
Kings.....	68	464	343,459	35,224	1,898,800	2,639,621
Prince.....	85	604	554,870	47,027	3,403,914	4,761,817
Queens.....	93	687	753,140	66,578	2,279,332	3,798,872
Totals.....	246	1,755	1,651,469	148,829	7,582,046	11,200,310
Nova Scotia—						
Annapolis.....	44	605	725,684	75,248	2,075,884	3,618,012
Antigonish.....	20	140	139,541	9,632	497,024	757,211
Cape Breton North.....	21	381	552,679	35,352	2,196,759	3,219,451
Cape Breton South.....	83	5,870	10,019,562	2,448,639	16,213,802	29,160,975
Colchester.....	106	2,090	2,285,627	162,994	6,522,575	11,970,564
Cumberland.....	102	1,543	2,013,231	227,625	3,752,919	7,503,934
Digby.....	91	908	849,173	51,500	2,754,047	4,341,654
Guysborough.....	40	352	301,176	32,227	1,213,768	1,716,266
Halifax.....	215	7,913	13,104,752	1,475,098	33,273,849	59,102,605
Hants.....	59	889	1,062,755	145,087	3,062,937	5,177,794
Inverness.....	67	343	230,138	13,788	839,554	1,252,417
Kings.....	81	977	980,815	149,125	3,461,069	5,411,918
Lunenburg.....	138	1,740	2,174,511	121,358	5,167,661	8,910,446
Pictou.....	100	3,072	4,524,852	637,007	8,537,969	16,730,591
Queens.....	29	1,219	2,420,978	978,624	3,516,592	9,057,193
Richmond.....	25	81	28,709	1,643	109,908	160,477
Shelburne.....	64	631	768,436	56,229	2,870,690	4,440,642
Victoria.....	31	143	98,986	7,807	426,691	671,416
Yarmouth.....	81	827	778,654	71,084	3,860,782	5,589,854
Totals.....	1,397	29,724	43,060,259	6,700,067	100,354,480	178,793,420
New Brunswick—						
Albert.....	26	209	268,918	44,531	1,281,705	2,300,650
Carleton.....	51	602	625,130	54,074	1,788,298	2,899,656
Charlotte.....	67	1,993	2,432,532	277,967	7,692,083	12,654,829
Gloucester.....	89	1,790	2,701,740	963,479	7,686,355	13,848,529
Kent.....	63	487	331,529	14,341	1,644,799	2,280,028
Kings.....	67	494	551,465	35,104	2,234,627	3,482,296
Madawaska.....	50	1,075	1,925,522	813,590	6,286,112	12,529,311
Northumberland.....	75	946	992,102	38,329	3,018,489	4,893,102
Queens.....	25	257	334,637	81,240	931,868	1,618,378
Restigouche.....	50	1,893	3,561,062	2,119,415	9,819,370	21,724,854
St. John.....	146	6,158	9,771,450	1,393,278	37,118,705	59,009,242
Sunbury.....	8	64	67,482	1,959	250,823	391,158
Victoria.....	36	420	443,162	31,946	1,244,251	2,064,483
Westmorland.....	152	4,709	7,009,508	488,593	10,102,897	21,255,373
York.....	88	1,635	2,135,680	223,219	5,288,917	9,801,852
Totals.....	993	22,732	33,151,919	6,581,065	96,389,299	170,753,741
Quebec—						
Abitibi.....	176	1,135	1,343,831	88,868	4,036,824	6,719,348
Argenteuil.....	74	2,783	4,022,570	329,320	7,970,439	16,757,788
Arthabasca.....	136	3,151	3,936,762	213,626	10,598,852	17,322,341
Bagot.....	80	1,215	1,501,126	118,129	4,539,744	7,266,933
Beauce.....	187	2,115	2,223,134	164,625	5,510,808	9,424,705
Beauharnois.....	79	4,413	6,724,847	1,049,952	11,149,075	23,551,821
Bellechasse.....	92	321	274,335	31,521	1,658,395	2,179,043
Berthier.....	108	1,468	1,568,001	172,423	3,594,862	7,108,786
Bonaventure.....	100	666	617,645	36,995	2,031,704	3,136,716
Brome.....	41	401	288,163	42,121	1,183,139	1,822,176
Chambly.....	82	3,152	5,191,929	310,381	7,077,612	15,630,711
Champlain.....	207	5,271	7,376,368	1,777,116	21,086,637	39,279,860
Charlevoix East.....	52	515	746,614	582,047	1,723,563	4,115,124
Charlevoix West.....	35	96	81,558	6,647	281,573	433,909
Chateauguay.....	39	459	522,690	56,395	1,478,061	2,597,043
Chicoutimi.....	172	7,219	13,790,092	11,522,708	33,436,324	96,181,195
Compton.....	70	1,533	2,296,068	685,526	5,948,454	10,753,339
Deux Montagnes.....	48	253	239,050	33,068	1,033,354	1,556,809
Dorchester.....	103	549	597,183	73,095	2,569,738	3,773,772
Drummond.....	82	7,598	10,855,188	1,225,590	12,610,826	34,495,726
Frontenac.....	100	809	864,941	40,442	2,018,833	3,304,134

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Quebec—Concluded						
Gaspé East.....	111	1,217	1,449,502	325,973	4,653,093	8,245,364
Gaspé West.....	33	428	542,468	4,492	1,531,700	2,608,373
Gatineau.....	72	402	405,958	32,273	1,669,011	2,590,152
Hull.....	71	5,078	9,326,837	4,013,173	23,623,351	46,532,168
Huntingdon.....	34	692	1,060,389	71,064	3,541,488	5,989,435
Iberville.....	34	530	581,098	69,161	2,131,075	3,258,578
Jesus-Island.....	36	355	363,724	28,761	589,770	1,248,274
Joliette.....	127	2,441	3,115,654	533,816	8,184,835	14,153,538
Kamouraska.....	79	550	594,417	37,900	1,688,092	2,630,589
Labelle.....	81	554	592,698	26,226	2,368,494	3,683,050
Lac St. Jean East.....	74	1,321	2,744,100	2,697,149	8,931,486	21,336,560
Lac St. Jean West.....	160	1,237	2,000,945	885,433	7,623,246	13,909,772
Laprairie.....	32	862	1,351,353	497,699	3,258,579	6,439,940
L'Assomption.....	64	951	1,016,678	50,595	1,874,302	3,903,722
Levis.....	77	2,468	3,846,960	199,974	6,426,993	11,957,448
L'Islet.....	96	611	699,771	50,655	1,473,279	2,954,938
Lotbinière.....	105	618	612,589	90,486	2,552,995	3,811,659
Madeleine Islands.....	24	352	243,704	32,244	1,497,537	2,318,355
Maskinonge.....	82	1,281	1,445,163	60,308	3,941,868	6,657,681
Matane.....	80	850	1,081,498	38,004	2,874,470	5,209,113
Matapédia.....	72	652	797,060	19,738	3,144,224	4,668,046
Megantic.....	99	1,362	1,672,229	123,368	3,163,329	5,799,871
Missisquoi.....	66	3,026	3,965,618	994,364	7,968,126	18,352,770
Montcalm.....	63	364	317,240	24,445	1,537,322	2,058,399
Montmagny.....	81	1,603	1,870,290	116,967	3,929,817	8,089,537
Montmorency No. 1.....	41	583	1,004,206	942,321	2,733,474	8,073,704
Montmorency No. 2 (Isle d'Orleans).....	15	85	117,587	9,137	161,873	332,957
Montreal.....	4,023	196,454	333,092,557	22,532,931	715,905,618	1,393,155,959
Napierville.....	26	484	521,098	54,750	2,249,676	3,663,333
Nicolet.....	123	961	937,550	75,420	3,664,078	5,672,961
Papineau.....	87	1,337	2,300,796	650,802	5,099,093	11,904,534
Pontiac.....	49	349	385,848	19,952	1,709,824	2,492,344
Portneuf.....	166	2,514	3,968,821	1,920,311	9,908,295	21,510,138
Quebec.....	474	16,232	24,680,348	2,818,832	52,367,666	95,278,407
Richelieu.....	78	1,043	6,443,278	603,832	5,606,784	18,970,585
Richmond.....	73	2,645	4,043,147	622,336	10,384,554	20,589,526
Rimouski.....	136	1,222	1,351,307	60,226	4,751,080	7,785,124
Rivière-du-Loup.....	110	959	1,304,441	124,678	3,967,339	6,304,162
Rouville.....	87	1,366	1,435,206	151,302	5,408,485	8,382,760
Saguenay.....	54	936	2,288,164	224,069	8,299,453	15,349,155
Shefford.....	133	6,095	8,084,384	517,198	20,926,833	40,756,105
Sherbrooke.....	110	8,558	12,485,153	904,976	20,971,721	45,095,729
Soulanges.....	27	166	104,631	20,952	490,203	718,102
Stanstead.....	37	4,244	6,076,996	684,761	18,593,032	28,996,107
St. Hyacinthe.....	134	5,488	6,817,842	422,862	16,195,588	29,446,338
St. Jean.....	82	4,864	7,078,396	589,665	10,988,901	24,545,376
St. Maurice.....	177	11,865	21,260,151	9,281,232	47,336,968	111,640,738
Temiscamingue.....	85	1,814	3,743,958	2,042,357	23,026,876	33,918,951
Thémiscouata.....	80	726	822,471	31,411	2,514,845	3,927,327
Terrebonne.....	175	6,356	8,663,971	601,351	14,225,381	30,659,413
Vaudreuil.....	39	232	221,190	25,829	593,477	1,040,017
Vercheres.....	86	1,043	1,457,727	218,487	5,132,771	8,839,725
Wolfe.....	80	571	598,552	133,512	1,521,800	2,471,445
Yamaska.....	60	261	248,977	54,272	1,651,645	2,295,852
Totals.....	10,818	357,276	565,986,105	74,970,574	1,297,009,099	2,497,971,521
Ontario—						
Addington.....	31	186	190,383	16,351	1,123,923	1,680,935
Algoma.....	92	5,567	11,234,825	3,602,978	28,388,517	53,152,565
Brant.....	169	13,673	23,304,093	1,255,103	35,752,707	76,113,676
Bruce.....	150	2,509	3,291,450	217,344	8,259,660	14,184,591
Carleton.....	300	10,717	17,590,222	1,446,749	28,138,479	61,712,883
Cochrane.....	111	3,570	7,727,993	1,766,814	18,303,394	45,221,391
Dufferin.....	31	300	347,652	36,190	1,097,359	2,335,153
Dundas.....	51	515	654,584	115,754	4,191,524	6,061,551
Durham.....	60	2,075	3,368,525	285,363	6,078,957	14,174,981
Elgin.....	98	2,210	3,074,864	286,186	10,267,677	19,717,174
Essex.....	350	34,383	65,341,090	5,061,798	163,064,897	287,959,806

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946—continued

County	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Ontario—Concluded						
Frontenac.....	105	5,464	9,262,826	897,325	16,975,984	39,072,407
Glengarry.....	84	358	321,578	57,984	2,311,200	2,922,383
Grenville.....	56	1,363	1,763,841	403,899	5,588,425	9,478,846
Grey.....	192	5,335	7,319,488	417,450	12,327,618	24,482,181
Haldimand.....	56	1,443	1,965,518	313,583	7,252,550	12,595,026
Haliburton.....	32	322	380,936	7,137	624,144	1,288,386
Halton.....	105	4,004	6,494,515	737,968	17,193,800	31,499,654
Hastings.....	223	6,098	8,676,147	1,414,278	19,412,434	39,956,855
Huron.....	142	1,827	2,349,444	405,403	14,825,097	20,060,780
Kenora.....	54	1,634	3,124,355	1,009,770	21,616,960	30,838,517
Kent.....	157	6,072	9,862,076	1,350,323	31,503,760	51,494,178
Kearney.....	124	7,265	13,925,568	5,817,286	56,414,258	99,171,089
Lambton.....	116	3,762	5,180,283	360,039	9,520,617	18,882,510
Leeds.....	125	2,693	4,034,031	408,712	14,416,078	23,796,805
Lennox.....	43	620	792,321	220,657	2,034,663	3,847,336
Lincoln.....	184	12,229	20,916,124	1,652,900	35,264,917	73,012,190
Manitoulin.....	25	84	64,875	12,237	355,250	511,471
Middlesex.....	360	15,965	25,426,079	1,466,915	49,363,622	102,515,271
Muskoka.....	67	1,262	1,646,168	98,125	4,687,805	8,157,881
Nipissing.....	68	1,271	1,835,434	96,886	4,285,627	7,799,139
Norfolk.....	74	2,031	2,836,930	229,677	24,425,590	33,393,495
Northumberland.....	124	1,630	2,059,332	217,317	6,726,028	11,502,286
Ontario.....	129	7,986	15,122,547	948,340	42,240,576	66,562,678
Oxford.....	176	6,019	8,714,563	952,945	30,144,449	49,539,075
Parry Sound.....	76	873	1,174,189	100,081	2,885,282	5,979,848
Peel.....	77	3,457	6,309,437	1,219,546	18,138,744	33,919,785
Perth.....	168	5,280	8,134,318	1,173,896	18,934,640	34,148,815
Peterborough.....	137	9,667	15,974,852	941,385	48,906,285	81,316,381
Prescott.....	112	1,029	1,650,368	753,361	5,975,667	9,452,555
Prince Edward.....	71	902	880,850	125,426	4,139,716	6,486,694
Rainy River.....	39	1,107	2,119,586	807,720	4,432,242	9,749,708
Renfrew.....	184	3,835	5,110,999	376,205	10,663,706	20,371,416
Russell.....	69	253	214,168	38,103	1,555,262	2,093,470
Simcoe.....	197	5,316	7,460,644	464,306	15,356,902	28,936,136
Storont.....	88	6,184	9,530,043	2,142,126	16,580,724	35,841,616
Sudbury.....	134	6,376	12,686,537	6,901,634	57,534,279	77,698,846
Thunder Bay.....	164	6,176	12,815,058	3,265,378	24,491,404	54,215,374
Timiskaming.....	88	1,177	1,589,636	97,283	3,391,630	6,280,851
Victoria.....	79	1,311	1,543,400	205,725	4,597,304	7,508,351
Waterloo.....	455	28,608	44,145,659	2,417,420	89,292,597	177,527,569
Welland.....	259	21,113	40,106,470	12,387,637	130,082,537	252,010,791
Wellington.....	199	7,666	11,786,013	841,113	23,720,976	45,091,882
Wentworth.....	574	47,968	84,151,755	10,674,410	155,587,149	318,770,859
York.....	3,968	167,328	287,541,311	14,802,319	630,704,553	1,205,833,089
District of Patricia.....	10	52	68,994	15,637	159,151	294,520
Totals.....	11,424	498,120	845,216,547	93,338,487	2,001,900,592	3,754,523,701
Manitoba—						
Division No. 1.....	64	250	174,268	31,612	1,081,131	1,468,307
Division No. 2.....	33	212	229,248	76,794	2,246,658	2,982,424
Division No. 3.....	24	117	116,605	18,018	891,550	1,153,142
Division No. 4.....	12	43	45,614	9,492	196,914	289,336
Division No. 5.....	49	2,861	5,428,505	945,582	9,961,484	20,293,635
Division No. 6.....	852	31,264	50,194,165	3,847,951	187,361,271	293,422,979
Division No. 7.....	55	771	1,072,115	127,674	6,316,903	8,544,042
Division No. 8.....	13	66	73,470	9,453	589,572	770,286
Division No. 9.....	22	1,532	2,315,360	524,849	1,990,115	6,013,937
Division No. 10.....	20	156	202,012	112,278	679,679	1,252,745
Division No. 11.....	18	65	65,492	11,770	493,168	649,725
Division No. 12.....	34	106	88,178	23,824	840,520	1,085,060
Division No. 13.....	37	163	162,605	24,323	727,804	1,081,333
Division No. 14.....	44	163	126,813	12,621	907,353	1,265,351
Division No. 15.....	20	50	29,371	8,273	376,605	478,493
Division No. 16.....	60	545	694,524	224,845	8,436,208	11,136,304
Totals.....	1,357	38,367	61,018,345	6,009,359	223,096,935	351,887,099

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

13.—Principal Statistics of the Manufacturing Industries of Canada, by Counties and Census Divisions, 1946—concluded

Census Division	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products ¹
	No.	No.	\$	\$	\$	\$
Saskatchewan—						
Division No. 1.....	23	168	280,357	54,252	905,436	1,462,801
Division No. 2.....	13	85	99,780	21,258	722,334	906,960
Division No. 3.....	11	38	36,439	5,039	50,130	114,411
Division No. 4.....	12	47	55,075	12,051	344,759	488,665
Division No. 5.....	34	173	208,711	48,737	2,929,112	3,506,100
Division No. 6.....	127	2,942	4,864,008	925,527	22,164,691	36,150,718
Division No. 7.....	50	1,774	3,063,876	503,164	28,972,690	34,825,708
Division No. 8.....	22	318	499,477	50,356	2,815,217	3,944,775
Division No. 9.....	67	465	499,314	76,549	2,228,146	3,385,275
Division No. 10.....	15	59	61,077	13,726	823,788	993,182
Division No. 11.....	100	2,669	4,205,523	485,267	30,536,759	39,413,457
Division No. 12.....	19	67	88,806	29,107	858,760	1,121,123
Division No. 13.....	15	53	60,724	11,996	408,473	531,898
Division No. 14.....	205	838	702,293	89,515	2,110,224	3,791,507
Division No. 15.....	88	1,246	1,843,075	210,130	10,984,688	15,797,206
Division No. 16.....	65	293	255,401	34,156	1,358,584	1,941,470
Division No. 17 and 18.....	86	715	1,128,981	729,993	18,375,230	19,966,347
Unlocated sawmills.....	3	7	3,400	405	6,740	15,016
Totals.....	955	11,957	17,956,317	3,301,228	126,595,761	168,356,619
Alberta—						
Division No. 1.....	30	1,256	1,700,098	115,978	11,915,314	15,995,311
Division No. 2.....	83	1,576	2,229,650	230,160	8,339,555	15,494,241
Division No. 3.....	10	541	795,768	71,257	1,203,263	2,922,821
Division No. 4.....	27	397	631,575	75,155	4,128,260	7,260,700
Division No. 5.....	11	41	42,866	7,969	210,428	311,782
Division No. 6.....	306	7,666	12,956,401	2,130,177	61,744,581	96,792,925
Division No. 7.....	25	111	142,883	39,712	1,240,500	1,571,462
Division No. 8.....	74	498	664,138	100,671	4,827,417	6,437,574
Division No. 9.....	88	545	530,802	55,379	1,721,575	2,875,815
Division No. 10.....	33	114	139,670	34,546	1,804,306	2,183,595
Division No. 11.....	277	7,944	12,971,979	806,502	65,371,436	98,308,550
Division No. 12.....	101	735	906,207	79,202	2,636,084	5,002,731
Division No. 13.....	39	118	97,952	16,667	615,845	840,564
Division No. 14.....	75	371	361,506	35,105	1,990,616	2,745,706
Division No. 15.....	58	344	365,678	25,748	683,529	1,421,662
Division No. 16.....	73	354	366,347	43,825	937,713	1,749,932
Division No. 17.....	5	38	35,568	3,618	54,745	116,496
Totals.....	1,315	22,649	34,939,088	3,871,680	169,425,176	257,031,867
British Columbia—						
Division No. 1.....	93	972	1,585,279	125,125	2,871,213	5,931,241
Division No. 2.....	111	5,388	11,975,901	5,410,320	49,953,823	77,040,834
Division No. 3.....	193	2,303	3,091,612	284,270	7,413,625	13,832,512
Division No. 4.....	1,489	48,036	86,479,829	5,713,692	210,744,646	407,406,599
Division No. 5.....	404	11,491	20,937,166	2,071,589	31,432,586	73,335,321
Division No. 6.....	114	990	1,263,814	88,999	2,400,532	4,735,191
Division No. 7.....	31	3,133	7,209,661	1,390,323	19,170,240	40,034,470
Division No. 8.....	217	1,614	2,149,765	157,310	3,464,516	7,969,159
Division No. 9.....	55	1,420	2,600,651	179,181	7,621,247	13,128,837
Division No. 10.....	24	137	212,967	15,904	636,105	1,113,734
Totals.....	2,731	75,484	137,506,645	15,466,713	335,708,533	644,527,898

¹ Net value is derived from gross value by deducting the cost of materials, fuel and electricity.

APPENDIX I

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946 GREATER MONTREAL

Industry	Estab-lish-ments	Em-ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	32	945	1,717,175	137,393	3,617,026	10,682,156
Biscuits, confectionery, cocoa, etc.	48	2,851	3,445,907	258,094	11,340,600	20,348,251
Bread and other bakery products.	157	4,495	6,908,751	606,988	10,788,501	22,958,579
Breweries.....	6	2,903	6,237,472	530,953	6,667,320	28,652,517
Distilleries.....	4	1,193	2,302,153	339,244	6,747,264	17,022,339
Feeds, prepared stock and poultry	12	482	838,394	81,932	15,814,490	17,943,055
Foods, miscellaneous.....	64	1,384	2,183,947	210,322	18,597,788	27,680,504
Fruit and vegetable preparations.....	39	974	1,206,139	102,647	5,668,502	8,744,250
Rubber goods, including footwear.	8	2,002	3,370,870	242,837	4,038,881	10,521,441
Tobacco, cigars and cigarettes....	36	6,276	8,995,761	164,797	30,420,856	52,947,727
Vegetable oil mills.....	3	207	321,849	41,902	3,764,039	4,919,387
All other industries.....	18	1,950	4,003,391	846,673	40,584,014	51,638,879
Totals.....	427	25,662	41,531,809	3,593,782	158,049,281	274,059,085
Animal Products—						
Belting, leather.....	5	116	186,069	9,801	410,168	783,783
Boot and shoe findings, leather....	12	186	228,293	24,825	280,251	677,204
Boots and shoes, leather.....	88	7,965	10,630,384	142,511	18,577,338	33,906,667
Butter and cheese.....	5	990	1,826,833	149,520	3,631,214	7,150,080
Cheese, processed.....	5	337	540,391	20,875	4,078,806	5,987,472
Dairy products, other.....	8	92	141,949	41,364	498,685	987,697
Fur dressing and dyeing.....	10	934	1,425,430	65,222	645,124	2,982,277
Fur goods.....	219	2,513	4,303,127	52,055	17,483,662	25,159,374
Gloves and mittens, leather.....	26	1,110	1,277,149	12,436	2,458,739	4,331,044
Hair goods, animal and human....	8	83	135,129	2,508	417,859	551,567
Leather tanneries.....	6	259	408,158	36,164	1,612,681	2,267,148
Miscellaneous leather goods.....	88	2,282	2,773,415	38,852	5,081,723	9,514,734
Sausage and sausage casings.....	21	174	230,108	29,456	1,157,729	2,006,201
Slaughtering and meatpacking....	21	2,572	4,668,272	415,286	51,460,866	59,710,762
All other industries.....	2	13	29,856	12,363	296,645	354,896
Totals.....	524	19,626	28,804,563	1,053,238	108,090,990	156,371,006
Textiles and Textile Products—						
Awnings, tents and sails.....	16	341	465,181	8,255	971,729	1,772,513
Bags, cotton and jute.....	8	438	658,920	28,771	6,796,030	9,023,579
Batting and wadding.....	3	124	236,954	29,092	1,001,409	1,483,614
Clothing, men's factory.....	290	10,081	15,588,856	139,977	38,208,914	70,275,419
Clothing, women's factory.....	690	19,335	28,125,887	238,781	61,502,141	116,598,664
Clothing contractors, men's.....	84	1,745	2,544,418	25,249	234,992	3,336,332
Clothing contractors, women's....	60	940	1,187,793	15,171	112,869	1,746,992
Corsets.....	11	380	522,371	3,330	700,156	1,671,276
Cotton and wool waste.....	9	154	222,314	23,022	1,058,914	1,566,731
Cotton textiles, miscellaneous....	76	1,649	1,912,212	24,642	6,870,532	10,476,857
Cotton thread.....	4	689	844,434	52,619	2,582,533	4,566,702
Cotton yarn and cloth.....	5	2,780	4,896,807	483,187	8,285,788	14,097,402
Dyeing and finishing of textiles....	19	394	683,300	69,270	217,729	1,612,739
Hats and caps.....	71	2,571	3,799,721	81,670	5,934,891	12,283,867
Hosiery and knitted goods.....	50	2,521	3,080,462	76,588	5,384,665	10,852,690
Miscellaneous textiles.....	7	1,118	2,247,603	195,003	4,759,938	9,597,000
Narrow fabrics.....	11	379	619,068	15,036	511,144	1,205,138
Oiled and waterproofed clothing....	8	242	365,319	4,666	1,099,968	1,743,161
Woollen cloth.....	10	152	282,101	711	196,155	586,745
Woollen goods, miscellaneous....	3	68	103,486	12,390	319,613	453,264
All other industries.....	6	552	1,428,663	21,201	919,851	1,991,401
Totals.....	1,441	46,653	69,815,870	1,545,631	147,669,961	276,942,086
Wood and Paper Products—						
Boatbuilding.....	3	8	6,478	461	5,605	13,786
Blueprinting.....	5	83	129,111	4,600	100,701	349,264
Boxes and bags, paper.....	27	2,805	3,604,696	122,009	7,840,929	14,926,347
Boxes, wooden.....	9	583	774,238	22,874	1,348,619	2,552,827
Carriages, wagons and sleighs....	3	34	51,190	2,114	26,667	94,893
Cooperage.....	4	68	98,941	7,429	454,622	708,077
Engraving, stereotyping and electrotyping.....	25	642	1,460,833	36,942	418,119	2,899,897
Furniture.....	132	2,754	4,398,106	107,967	6,406,330	13,195,577
Lasts, trees and shoe findings....	7	435	594,209	23,816	483,469	1,366,902
Lithographing.....	7	648	1,304,630	25,316	1,635,040	3,865,484

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.
GREATER MONTREAL—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous paper products.....	37	823	1,169,662	35,198	3,008,246	5,783,742
Miscellaneous wooden products....	57	476	630,218	26,914	491,069	1,545,058
Planing mills, sash and door fac- tories.....	44	1,200	2,124,828	60,370	5,310,268	7,950,255
Printing and bookbinding.....	290	4,425	7,496,257	166,630	5,995,237	17,884,128
Printing and publishing.....	24	3,487	7,182,520	142,948	4,618,871	19,238,264
Refrigerators, other than electric..	3	78	134,404	4,712	142,443	360,321
Roofing paper, etc.....	3	701	1,260,320	103,033	3,419,231	7,015,363
Trade composition.....	10	184	379,798	7,736	51,616	659,622
Wood turning.....	5	36	50,858	2,411	44,649	120,853
All other industries.....	14	1,413	3,984,405	213,008	2,390,448	5,274,733
Totals.....	709	20,883	36,835,702	1,116,488	44,192,179	105,805,393
Iron and Its Products—						
Aircraft.....	8	8,935	19,129,503	532,249	4,702,362	29,486,360
Automobile supplies.....	9	276	546,057	15,540	484,686	1,045,637
Boilers, tanks and platework.....	6	1,101	2,194,896	89,105	2,125,566	5,931,237
Bridge and structural steel.....	6	2,173	4,845,011	262,831	4,932,149	10,207,842
Castings, iron.....	13	2,143	4,344,211	304,221	4,723,970	11,977,908
Hardware, tools and cutlery.....	44	3,176	5,311,652	259,100	5,260,907	15,944,497
Heating and cooking apparatus....	13	564	992,188	55,954	1,584,717	3,302,756
Iron and steel products, miscel- laneous.....	52	686	1,081,775	37,634	819,031	2,361,082
Machinery.....	37	4,288	8,255,638	324,729	8,664,126	22,209,424
Machine shops.....	66	1,806	2,366,354	76,773	1,277,116	4,659,148
Primary iron and steel.....	5	2,488	4,788,447	302,247	3,272,847	12,264,936
Railway rolling-stock.....	9	13,189	27,399,197	1,747,061	49,563,606	86,788,753
Sheet metal products.....	40	4,665	7,421,845	356,222	15,815,136	28,424,663
Shipbuilding and repairs.....	6	3,259	6,588,971	239,643	9,600,373	17,599,976
Wire and wire goods.....	22	1,407	2,526,382	284,045	2,423,859	9,464,546
All other industries.....	3	30	44,801	5,070	117,582	156,246
Totals.....	339	49,686	97,836,928	5,390,404	115,373,573	261,763,441
Non-ferrous Metal Products—						
Aluminum products.....	8	137	219,502	15,609	278,001	720,783
Brass and copper products.....	32	2,674	4,649,988	340,339	12,111,458	19,820,177
Electrical apparatus and supplies	46	12,453	22,189,020	623,068	23,427,915	55,238,844
Jewellery, electro-plated ware, etc.	51	1,383	1,979,747	32,082	3,150,002	6,959,446
Miscellaneous non-ferrous metal products.....	3	140	223,253	6,354	429,994	765,835
White metal alloys.....	16	380	732,647	56,927	4,092,167	5,350,086
Totals¹.....	156	17,167	29,994,157	1,074,079	43,489,537	88,855,334
Non-metallic Mineral Products—						
Cement products.....	25	585	884,322	173,071	1,708,048	4,098,896
Glass products.....	30	2,140	3,293,870	851,008	3,548,705	9,944,986
Miscellaneous non-metallic mineral products.....	11	164	256,143	32,181	667,956	1,506,745
Petroleum products.....	5	1,462	3,066,442	2,705,638	42,087,866	63,480,289
Stone, ornamental and monumental	12	184	469,180	25,002	202,403	618,782
All other industries.....	11	1,544	2,138,018	3,757,151	3,986,373	21,118,080
Totals.....	94	6,084	11,047,975	7,544,651	55,141,351	100,767,768
Chemicals and Allied Products—						
Adhesives.....	7	150	268,975	12,512	989,920	1,717,184
Gases, compressed.....	8	268	491,487	65,860	266,714	1,984,019
Inks, writing and printing.....	8	112	164,087	8,100	338,641	801,053
Medicinal and pharmaceutical pre- parations.....	68	3,242	5,820,866	248,234	9,891,381	30,498,099
Miscellaneous chemical products.	37	605	1,034,536	112,141	3,099,928	6,809,986
Paints, pigments and varnishes....	24	2,110	3,421,312	191,503	10,578,911	21,118,615
Plastics.....	13	150	150,136	8,037	308,881	707,359
Polishes and dressings.....	12	173	252,693	12,227	1,269,551	1,838,178
Soaps, washing compounds, etc....	27	435	760,311	51,725	1,313,962	3,476,813
Toilet preparations.....	25	741	1,014,289	18,545	2,688,373	6,551,472
All other industries.....	7	264	509,006	124,700	3,515,391	5,502,337
Totals.....	236	8,250	13,893,698	853,384	34,261,653	81,035,115

¹ Totals for non-ferrous metal products do not include the non-ferrous metal smelting and refining industry.

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER MONTREAL—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Artificial flowers and feathers.....	18	424	546,409	4,982	658,809	1,727,866
Brooms, brushes and mops.....	21	341	436,932	14,814	1,180,409	1,894,782
Buttons.....	9	332	513,127	12,284	523,609	1,386,756
Candles.....	7	128	166,544	8,166	300,298	711,483
Ice, artificial.....	4	28	61,587	30,117	12,344	219,996
Lamps, electric, etc., and lamp shades.....	9	326	418,762	10,150	722,979	1,417,715
Mattresses and springs.....	16	1,291	2,300,848	87,755	5,856,789	10,523,395
Pipes, tobacco.....	3	35	44,442	1,093	24,563	83,734
Scientific and professional equip- ment.....	8	142	213,118	6,479	364,593	837,133
Signs, electric, neon and other....	5	180	290,858	9,264	118,566	698,417
Sporting goods.....	4	236	267,697	6,957	614,602	996,775
Stamps and stencils, rubber and metal.....	10	87	145,657	2,716	54,535	302,199
Statuary, art goods and novelties.	31	366	477,925	8,950	411,951	1,108,919
Toys and toy equipment.....	11	124	138,081	2,644	246,317	508,730
All other industries.....	9	676	1,015,241	24,431	1,711,409	4,307,068
Totals.....	165	4,716	7,037,228	230,802	12,801,773	26,724,968
Totals,⁽¹⁾ Greater Montreal.....	1,091	198,727	336,797,930	23,105,159	719,070,298	1,372,324,196

¹Totals for Greater Montreal exclude non-ferrous metal smelting and refining industry.

GREATER TORONTO

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	23	787	1,407,946	92,198	2,111,840	6,995,711
Biscuits, confectionery, cocoa, etc.	45	5,075	6,929,585	412,885	17,405,134	34,317,588
Bread and other bakery products	244	5,868	8,507,676	700,198	13,517,849	29,152,942
Breweries.....	5	789	1,678,584	120,145	2,452,044	11,189,992
Feeds, prepared stock and poultry	12	527	897,800	63,917	7,733,130	10,026,609
Flour and feed mills.....	10	387	712,319	61,928	5,978,611	7,220,650
Foods, breakfast.....	4	76	107,227	7,481	369,464	918,994
Foods, miscellaneous.....	67	2,537	3,674,928	123,847	21,998,644	32,532,431
Fruit and vegetable preparations....	20	1,610	2,070,554	116,784	9,543,049	15,200,652
Macaroni, vermicelli, etc.....	3	109	167,178	14,169	377,085	623,886
Rubber goods, including footwear	12	6,335	11,882,889	758,340	20,563,123	50,257,065
Tobacco, cigars and cigarettes.....	9	395	505,176	11,595	1,028,266	2,610,256
Wine.....	6	113	265,543	9,168	615,051	1,316,646
All other industries.....	7	641	1,402,044	342,113	11,567,043	17,429,092
Totals.....	476	25,249	40,509,749	2,834,768	115,260,333	219,792,514
Animal Products—						
Animal oils and fats.....	3	65	126,396	22,597	284,783	587,404
Belting, leather.....	5	87	126,959	1,860	467,119	646,643
Boots and shoes, leather.....	27	1,448	2,116,954	20,725	3,465,597	6,764,367
Butter and cheese.....	10	1,702	3,575,704	202,040	8,578,715	14,741,219
Cheese, processed.....	4	128	178,246	12,290	2,540,033	3,492,358
Dairy products, other.....	11	57	84,804	10,354	190,194	356,506
Fur dressing and dyeing.....	6	369	570,018	21,189	198,005	1,100,211
Fur goods.....	198	1,801	3,554,715	41,432	14,860,673	21,059,888
Gloves and mittens, leather.....	5	62	76,113	1,292	115,543	205,227
Hair goods.....	6	142	142,301	2,477	218,004	440,801
Leather tanneries.....	5	757	1,343,135	118,903	4,542,968	8,081,008
Miscellaneous leather goods.....	72	1,703	2,099,643	33,955	4,015,817	7,323,249
Sausage and sausage casings.....	14	106	170,252	12,326	1,055,750	1,336,949
Slaughtering and meatpacking.....	23	4,325	8,475,871	788,981	88,038,618	98,093,261
All other industries.....	1	11	13,000	1,731	4,100	16,391
Totals.....	390	12,763	22,654,111	1,292,182	128,575,919	164,245,482

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1916—CON.

GREATER TORONTO—Continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	14	186	241,161	5,617	498,658	865,830
Bags, cotton and jute.....	6	239	305,061	8,987	2,173,714	2,899,018
Carpets, mats and rugs.....	3	404	736,376	51,786	950,316	2,272,675
Clothing, men's factory.....	106	6,519	9,665,075	87,547	17,427,138	32,851,177
Clothing, women's factory.....	311	7,187	12,660,804	98,565	21,181,615	42,323,136
Clothing, contractor's, men's.....	15	172	286,320	3,025	35,610	375,005
Clothing, contractor's, women's.....	26	270	419,992	6,191	55,138	573,561
Corsets.....	20	777	938,127	6,586	1,760,948	3,522,587
Cotton and wool waste.....	11	198	378,113	23,022	2,946,930	3,650,837
Cotton textiles, miscellaneous.....	34	831	1,116,274	29,409	2,659,524	4,858,406
Dyeing and finishing of textiles.....	10	369	736,505	39,696	267,821	1,373,145
Hats and caps.....	62	1,319	2,148,875	32,728	3,391,673	6,978,598
Hosiery and knitted goods.....	51	3,074	4,136,856	130,689	8,162,383	16,066,562
Miscellaneous textiles.....	3	439	786,907	65,594	2,078,062	4,969,144
Narrow fabrics, laces, etc.....	12	235	441,963	1,926	435,704	977,207
Oiled and waterproofed clothing.....	5	182	288,897	6,541	727,928	1,237,930
Woollen cloth.....	8	767	1,244,199	56,880	3,032,877	4,717,571
Woollen goods, miscellaneous.....	12	447	839,999	60,947	3,445,152	5,052,166
Woollen yarn.....	6	839	1,095,288	70,733	2,741,312	4,871,708
All other industries.....	7	319	369,699	17,654	728,226	1,399,006
Totals.....	722	24,773	38,706,461	806,514	74,701,729	141,835,269
Wood and Paper Products—						
Blueprinting.....	4	49	82,320	1,953	58,661	234,108
Boatbuilding.....	5	113	102,692	1,589	35,825	158,878
Boxes and bags, paper.....	42	3,716	5,453,358	169,541	12,643,757	23,604,704
Boxes, wooden.....	8	406	494,650	8,795	900,911	1,750,907
Coffins and caskets.....	3	122	209,014	8,685	241,758	502,037
Engraving, stereotyping and elec- trotyping.....	39	1,512	3,461,993	66,882	1,268,261	6,776,213
Furniture.....	158	2,215	5,479,350	84,795	5,419,440	10,768,620
Flooring, hardwood.....	3	155	273,918	31,705	399,253	790,871
Lithographing.....	18	1,287	2,677,143	40,924	3,329,156	7,793,285
Miscellaneous paper products.....	53	2,072	3,404,712	98,278	6,637,395	14,250,540
Miscellaneous wooden products.....	80	908	1,360,649	40,990	1,327,702	3,532,642
Planing mills, sash and door fac- tories.....	34	694	1,037,949	44,554	2,771,353	4,394,716
Printing and bookbinding.....	321	7,140	11,114,286	227,056	13,324,703	32,426,765
Printing and publishing.....	39	5,392	11,592,802	230,456	9,757,513	33,580,012
Pulp and paper mills.....	7	1,069	2,702,979	777,485	5,048,883	9,836,454
Trade composition.....	17	262	514,828	8,942	87,451	877,997
Wood turning.....	10	36	43,581	1,861	34,010	99,629
All other industries.....	13	766	1,396,619	93,380	2,019,419	5,343,697
Totals.....	854	27,915	49,398,143	1,938,901	65,201,550	156,722,145
Iron and Its Products—						
Automobile supplies.....	27	2,700	4,444,486	225,385	5,567,788	13,128,153
Bicycles.....	4	640	1,166,669	66,828	1,587,759	3,460,133
Boilers, tanks and platemwork.....	1	1,954	4,152,850	215,215	3,909,012	10,776,377
Bridge and structural steel.....	4	812	1,747,820	70,455	2,476,059	3,073,839
Castings, iron.....	16	1,798	3,582,648	218,162	2,565,185	8,992,047
Hardware, tools and cutlery.....	75	3,117	5,847,914	257,738	4,041,758	13,108,415
Heating and cooking apparatus.....	21	1,537	2,716,426	89,577	3,180,506	9,098,309
Miscellaneous iron and steel pro- ducts.....	60	1,039	1,651,488	51,107	1,596,881	4,685,089
Machinery.....	80	4,465	8,745,013	252,955	10,591,374	28,796,450
Machine shops.....	79	757	1,322,280	40,074	837,797	2,920,151
Railway rolling-stock.....	4	1,110	2,283,351	73,449	2,375,531	5,038,087
Sheet metal products.....	60	5,070	8,514,829	391,364	15,234,305	31,477,461
Wire and wire goods.....	22	307	494,253	44,937	973,639	1,991,443
All other industries.....	11	4,238	8,648,443	281,304	12,035,450	20,016,168
Totals.....	471	29,568	55,291,470	2,278,562	66,973,641	158,559,418

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER TORONTO—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-ferrous Metal Products—						
Aluminum products.....	17	1,509	3,042,307	157,464	5,559,226	10,041,488
Brass and copper products.....	47	2,887	5,864,451	389,099	14,036,638	24,799,138
Electrical apparatus and supplies..	121	14,316	24,891,884	834,426	43,491,062	91,303,377
Jewellery, electroplated ware, etc.	79	2,313	3,934,512	93,352	13,895,641	20,965,284
Miscellaneous non-ferrous metal products.....	15	801	1,262,012	31,621	1,687,320	4,965,250
White metal alloys.....	12	1,049	1,902,184	186,624	7,965,317	11,185,031
Totals.....	291	22,875	40,897,350	1,692,586	86,635,204	163,259,568
Non-metallic Mineral Products—						
Cement products.....	36	371	601,741	71,824	804,550	2,095,499
Clay products from domestic clay..	6	296	426,479	257,785	35,543	796,768
Clay products from imported clay	6	94	121,659	11,044	231,202	537,630
Glass products.....	38	940	1,406,932	93,456	1,335,910	3,307,769
Miscellaneous non-metallic mineral products.....	12	242	525,151	23,637	1,217,687	2,208,041
Sand-lime brick.....	3	83	145,502	24,765	121,238	356,549
Stone, ornamental and monumental	21	399	740,497	86,497	794,701	2,660,532
All other industries.....	10	1,599	2,797,516	1,502,101	11,930,616	21,092,732
Totals.....	132	4,024	6,765,477	2,071,109	16,471,447	33,055,520
Chemicals and Allied Products						
Acids, alkalis and salts.....	6	99	210,786	62,156	810,225	1,582,020
Adhesives.....	8	301	565,977	78,386	1,354,121	2,531,009
Gases, compressed.....	10	280	515,205	89,924	317,365	1,931,055
Inks, printing and writing.....	16	512	1,123,196	49,458	2,358,188	5,307,724
Medicinal and pharmaceutical pre- parations.....	60	2,189	3,402,080	68,760	6,947,643	16,881,566
Miscellaneous chemical products..	55	551	1,090,706	104,196	3,293,826	7,432,412
Paints, pigments and varnishes....	32	1,570	3,006,181	140,294	9,276,586	19,039,301
Plastics.....	30	1,375	2,116,372	78,281	3,671,578	9,039,285
Polishes and dressings.....	19	241	331,108	9,273	1,315,166	2,453,973
Soaps, washing compounds, etc....	34	1,988	3,902,192	356,530	11,566,596	24,800,906
Toilet preparations.....	37	948	1,365,437	17,374	3,653,256	10,726,471
All other industries.....	4	193	342,599	117,983	2,208,925	3,441,333
Totals.....	311	10,247	17,971,839	1,172,615	46,773,475	105,167,055
Miscellaneous Industries—						
Artificial flowers and feathers....	12	202	222,323	4,287	181,362	490,542
Brooms, brushes and mops.....	12	464	620,597	12,109	1,504,552	2,889,704
Buttons.....	3	56	61,874	1,003	99,506	232,312
Fountain pens and pencils.....	5	849	1,236,538	13,531	2,436,424	5,990,334
Ice artificial.....	15	143	266,337	81,046	30,350	1,501,596
Lamps, electric, etc., and lamp shades.....	21	458	581,895	12,275	1,152,434	2,369,901
Mattresses and springs.....	25	867	1,551,988	44,565	3,920,575	7,094,854
Miscellaneous, including jewellery cases, etc.,.....	4	117	126,998	2,640	180,286	368,399
Musical instruments.....	10	326	484,866	22,968	390,259	909,269
Scientific and professional equip- ment.....	17	1,693	3,300,165	123,287	5,071,458	12,262,247
Signs, electric, neon and other....	10	243	445,937	11,778	415,802	1,176,839
Sporting goods.....	10	459	630,227	19,054	796,223	1,732,728
Stamps and stencils, rubber and metal.....	9	279	464,458	8,385	294,771	1,052,684
Statuary, art goods and novelties..	36	574	728,734	13,214	753,380	1,874,213
Toys and toy equipment.....	22	857	1,139,091	29,074	1,564,836	3,804,405
Typewriter supplies.....	5	209	414,126	9,640	844,522	1,814,023
Umbrellas.....	3	63	78,571	1,177	218,805	399,363
All other industries.....	3	33	40,231	1,034	73,905	150,450
Totals.....	222	7,892	12,394,956	411,067	19,929,450	46,113,863
Totals, Greater Toronto.....	3,869	165,306	284,589,556	14,498,304	620,622,748	1,188,751,064

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1916—con.

GREATER HAMILTON

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Vegetable Products—						
Aerated and mineral waters.....	16	159	253,641	24,210	404,091	1,253,147
Biscuits, confectionery, cocoa, etc.	12	251	244,530			1,122,500
Bread and other bakery products.....	5	1,234	1,571,142		1,571,183	5,177,200
Flour and feed mills.....	4	13	11,336	2,993	159,390	189,910
Foods, miscellaneous.....	12	290	409,910	14,027	1,679,077	2,540,028
Fruit and vegetable preparations.....	12	774	1,074,749	70,085	3,877,307	5,770,430
All other industries.....	9	2,000	3,619,451	183,595	14,016,938	29,406,042
Totals.....	122	4,740	7,583,784	472,297	23,202,337	46,057,310
Animal Products—						
Fur goods.....	8	56	85,975	4,847	369,955	587,830
Miscellaneous leather goods.....	4	7	5,818	126	5,759	13,111
Slaughtering and meatpacking.....	6	539	948,495	78,048	10,916,296	12,408,320
All other industries.....	6	178	342,611	23,450	762,025	1,571,824
Totals.....	24	780	1,382,899	106,471	12,054,035	14,581,085
Textiles and Textile Products—						
Awnings, tents and sails.....	3	44	60,728	961	58,446	140,992
Clothing, men's factory.....	6	794	986,051	14,625	1,459,091	3,227,888
Cotton yarn and cloth.....	5	2,026	2,433,449	210,314	4,600,349	8,555,771
Hosiery and knitted goods.....	8	3,437	4,252,237	160,674	5,394,991	12,925,593
All other industries.....	13	832	1,291,472	88,549	3,461,810	5,538,984
Totals.....	35	7,133	9,023,937	475,123	14,974,687	30,389,228
Wood and Paper Products—						
Boxes and bags, paper.....	10	555	791,832	38,160	2,913,922	4,882,913
Engraving, stereotyping and elec- trotyping.....	6	99	230,804	3,819	70,659	454,754
Furniture.....	5	43	57,185	3,345	22,506	107,810
Miscellaneous paper products.....	10	367	339,328	61,908	2,486,208	4,740,008
Miscellaneous wooden products.....	6	26	45,300	999	22,359	102,908
Planing mills, sash and door fac- tories.....	6	126	186,930	11,567	328,797	730,570
Printing and bookbinding.....	45	497	804,904	24,712	1,161,226	2,520,561
All other industries.....	17	956	1,632,163	73,770	2,837,340	7,846,725
Totals.....	105	2,899	4,679,757	191,309	9,837,017	21,390,213
Iron and Its Products—						
Castings, iron.....	4	403	793,866	45,118	1,015,844	2,232,229
Hardware, tools and cutlery.....	15	776	1,425,408	78,863	1,747,737	4,534,293
Machinery.....	15	2,112	3,950,417	150,585	3,070,208	12,030,734
Machine shops.....	13	146	255,208	6,624	147,689	480,287
Miscellaneous iron and steel pro- ducts.....	8	87	133,162	6,780	142,351	333,788
Primary iron and steel.....	11	7,989	9,351,093	5,297,761	36,944,839	62,988,143
Sheet metal products.....	16	1,233	1,987,032	115,946	8,605,706	12,583,929
Wire and wire goods.....	12	2,383	4,710,160	314,964	3,829,643	14,370,325
All other industries.....	11	4,191	7,875,304	601,682	12,138,368	24,892,278
Totals.....	106	19,320	40,492,361	6,528,328	61,612,585	134,406,934
Non-ferrous Metal Products—						
Brass and copper products.....	9	707	1,182,316	38,533	1,149,884	3,052,356
Electrical apparatus and supplies.....	13	5,864	8,617,159	381,929	6,128,377	19,783,537
Jewellery, electro-plated ware, etc.	5	398	971,383	16,529	1,199,041	1,797,965
All other industries.....	6	183	305,090	28,459	381,349	774,597
Totals.....	33	7,152	10,775,948	465,450	8,808,654	25,378,475

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER HAMILTON—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Non-metallic Mineral Products—						
Cement products.....	10	125	122,133	13,280	279,759	577,247
Clay products from domestic clay.....	5	69	111,511	65,704	6,601	333,499
Clay products from imported clay.....	5	805	1,225,296	143,549	540,190	2,664,874
Coke and gas products.....	4	751	1,413,658	1,268,683	9,225,205	13,172,023
Miscellaneous non-metallic products.....	3	32	49,442	1,575	57,577	136,350
Stone, ornamental and monumental.....	6	63	124,360	9,046	95,038	257,850
All other industries.....	11	958	1,667,371	384,969	2,117,405	5,350,224
Totals.....	44	2,803	4,713,771	1,886,806	12,321,775	22,492,067
Chemicals and Allied Products—						
Miscellaneous chemical products.....	8	56	159,582	6,652	265,518	650,983
Polishes and dressings.....	4	63	106,778	3,861	332,711	674,231
Toilet preparations.....	3	56	59,573	1,224	127,935	247,236
All other industries.....	18	780	1,681,888	306,688	7,928,450	11,943,361
Totals.....	33	955	2,007,821	318,425	8,654,614	13,515,811
Miscellaneous Industries—						
Brooms, brushes and mops.....	7	300	423,967	9,784	603,348	1,618,702
Sporting goods.....	3	7	8,923	346	14,807	27,056
All other industries.....	7	118	157,369	19,314	51,293	305,778
Totals.....	17	425	590,259	29,444	669,448	1,951,536
Totals, Greater Hamilton.....	519	16,207	81,350,337	10,473,633	152,135,152	310,162,659

GREATER WINDSOR

Vegetable Products—						
Aerated and mineral waters.....	5	54	86,669	11,043	193,362	504,969
Bread and other bakery products.....	25	490	777,443	62,055	1,142,261	2,531,113
Foods, miscellaneous.....	5	30	32,183	2,613	100,533	196,952
Fruit and vegetable preparations.....	6	194	207,856	11,236	365,671	684,337
All other industries.....	8	1,005	1,994,406	279,423	5,228,051	16,472,874
Totals.....	49	1,773	3,098,557	366,370	7,029,878	20,390,245
Animal Products—						
Butter and cheese.....	5	479	988,558	86,345	2,006,568	3,534,719
Slaughtering and meatpacking.....	4	101	194,669	23,405	1,877,592	2,021,135
All other industries.....	6	64	93,793	8,119	387,704	623,595
Totals.....	15	644	1,277,020	117,869	4,271,864	6,184,449
Textiles and Textile Products—						
Totals, all industries.....	12	345	495,652	22,916	1,269,564	2,224,313
Wood and Paper Products—						
Boxes, wooden.....	3	76	98,740	6,924	178,266	365,467
Furniture.....	4	18	20,044	408	18,086	55,421
Miscellaneous wooden products.....	6	60	81,578	5,307	105,312	252,310
Planing mills, sash and door fac- tories.....	5	88	122,172	9,825	139,457	339,922
Printing and bookbinding.....	19	149	256,210	7,826	222,373	620,834
All other industries.....	10	616	1,153,491	38,154	1,359,766	3,918,734
Totals.....	47	1,007	1,732,235	68,444	2,023,260	5,552,688

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER WINDSOR—Concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Iron and Its Products—						
Automobile supplies.....	20	3,501	6,785,167	350,334	14,882,470	28,500,296
Castings, iron.....	7	875	1,722,798	185,717	1,176,682	5,644,440
Hardware, tools and cutlery.....	15	675	1,527,102	51,104	1,407,994	4,296,954
Machinery.....	8	349	728,050	24,250	2,065,209	4,566,771
Machine shops.....	3	64	151,126	6,059	115,534	359,008
All other industries.....	24	18,968	37,964,577	1,859,263	97,579,649	147,872,345
Totals.....	77	24,430	48,887,360	2,476,121	117,220,942	189,530,023
Non-ferrous Metal Products—						
Brass and copper products.....	4	99	237,521	12,259	149,932	552,015
All other industries.....	8	92	233,124	15,434	562,632	1,067,673
Totals.....	12	191	470,645	27,693	712,564	1,619,688
Non-metallic Mineral Products—						
Cement products.....	5	56	111,953	25,586	340,738	549,029
All other industries.....	7	356	454,492	156,674	635,250	2,156,971
Totals.....	12	412	566,445	182,260	975,988	2,706,000
Chemical and Allied Products—						
Medical and pharmaceutical pre- parations.....	10	1,125	1,987,563	46,428	3,569,124	11,140,606
Miscellaneous chemical products..	5	31	53,790	1,553	81,119	180,574
Paints, pigments and varnishes....	3	179	410,326	22,489	882,036	1,871,353
Soaps, washing compounds, etc.....	7	26	36,503	2,592	83,874	182,856
Toilet preparations.....	5	35	46,821	1,332	117,792	230,255
All other industries.....	4	354	713,611	456,019	682,545	2,445,678
Totals.....	34	1,750	3,248,614	530,463	5,416,490	16,051,322
Miscellaneous Industries—						
Totals, all industries.....	13	837	1,278,376	60,102	1,560,473	3,756,265
Totals, Greater Windsor.....	271	31,389	61,954,904	3,852,238	140,481,023	248,014,993

GREATER WINNIPEG

Vegetable Products—						
Aerated and mineral waters.....	13	247	414,704	47,480	898,220	2,442,283
Biscuits, confectionery, cocoa, etc.	14	739	884,615	73,380	2,496,068	5,753,162
Bread and other bakery products..	61	1,061	1,605,191	170,927	2,599,514	5,544,181
Breweries.....	6	602	1,198,752	138,312	1,682,473	8,166,145
Feeds, stock and poultry.....	13	209	368,595	39,635	3,066,467	3,776,093
Flour and feed mills.....	10	647	1,055,340	155,286	20,303,469	23,735,746
Foods, breakfast.....	3	19	30,945	3,615	296,500	738,680
Foods, miscellaneous.....	17	374	517,174	36,850	6,648,391	8,478,179
Fruit and vegetable preparations...	8	207	221,573	17,340	656,219	1,126,202
All other industries.....	11	447	706,495	260,275	3,650,814	6,675,704
Totals.....	156	4,552	7,003,384	943,100	42,298,135	66,436,375
Animal Products—						
Boots and shoes, leather.....	6	186	216,488	3,455	539,799	837,575
Butter and cheese.....	17	1,021	1,884,639	177,375	6,357,744	9,832,422
Cheese, processed.....	3	88	109,066	4,534	733,487	948,875
Fur dressing and dyeing.....	4	182	268,469	6,310	71,763	457,911
Fur goods.....	53	676	1,026,618	11,480	3,476,768	5,288,092
Gloves and mittens, leather.....	11	234	261,693	4,266	563,100	960,809
Miscellaneous leather goods.....	12	202	248,257	4,953	589,088	920,919
Sausage and sausage casings.....	7	98	157,294	18,185	933,656	1,236,369
Slaughtering and meatpacking....	11	4,462	7,910,313	423,180	75,684,064	91,064,960
All other industries.....	5	122	174,714	10,464	537,690	864,816
Totals.....	129	7,271	12,257,551	664,202	89,487,159	112,412,739

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER WINNIPEG—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Textiles and Textile Products—						
Awnings, tents and sails.....	3	35	43,881	1,874	118,598	196,154
Bags, cotton and jute.....	5	299	422,880	18,796	6,309,779	7,663,520
Clothing, men's factory.....	36	1,843	2,182,075	35,727	5,370,516	9,573,705
Clothing, women's factory.....	38	1,463	2,026,363	27,750	5,130,229	8,432,746
Hats and caps.....	13	285	364,121	4,657	566,586	1,064,464
Hosiery and knitted goods.....	5	220	249,557	8,109	597,379	981,933
All other industries.....	5	71	109,792	8,012	54,161	250,588
Totals.....	105	4,216	5,398,669	104,925	18,147,248	28,163,110
Wood and Paper Products—						
Boxes and bags, paper.....	8	452	762,481	32,125	2,654,063	4,500,748
Boxes, wooden.....	6	293	399,700	20,391	631,440	1,153,465
Engraving, stereotyping and electrotyping.....	6	199	494,627	7,737	87,728	812,188
Furniture.....	49	527	807,889	23,395	995,279	2,208,814
Miscellaneous paper products.....	7	185	215,080	9,528	525,219	1,105,890
Miscellaneous wooden products.....	12	48	51,138	1,931	75,250	149,745
Planing mills, sash and door fac- tories.....	19	405	611,040	22,491	958,092	1,959,569
Printing and bookbinding.....	77	1,434	2,223,267	60,957	1,890,744	5,556,089
Printing and publishing.....	25	1,010	1,652,662	48,403	1,135,059	4,857,493
Trade composition.....	3	9	18,175	786	12,516	30,638
All other industries.....	23	701	1,012,831	108,312	1,833,476	3,906,372
Totals.....	235	5,263	8,248,890	336,056	10,798,868	26,241,011
Iron and Its Products—						
Agricultural implements.....	4	246	379,934	33,588	686,388	1,369,092
Automobile supplies.....	7	182	320,077	16,769	486,101	1,044,712
Castings, iron.....	7	575	1,036,989	41,122	688,397	3,045,441
Hardware, tools and cutlery.....	5	85	93,188	10,388	93,631	250,270
Iron and steel products, miscel- laneous.....	9	457	811,471	53,031	658,910	1,731,182
Machinery.....	10	266	493,416	22,095	424,004	1,342,927
Machine shops.....	21	289	526,426	18,264	471,871	1,237,883
Sheet metal products.....	16	554	827,483	50,900	1,189,238	2,546,250
All other industries.....	12	4,299	8,319,066	482,110	8,873,910	19,806,760
Totals.....	91	6,953	12,808,050	728,267	13,572,450	32,374,517
Non-ferrous Metal Products—						
Brass and copper products.....	5	174	307,509	31,454	708,595	1,406,884
Electrical apparatus and supplies.....	13	566	785,944	59,772	1,702,192	3,600,552
All other industries.....	7	159	192,183	17,398	565,241	875,186
Totals.....	25	899	1,285,636	108,624	2,976,028	5,882,622
Non-metallic Mineral Products—						
Cement products.....	4	33	40,765	1,089	10,871	110,173
Glass products.....	3	28	39,410	4,180	38,969	130,234
Miscellaneous non-metallic mineral products.....	6	51	54,370	5,595	67,309	266,106
Stone, monumental and ornamental.....	5	34	41,661	3,672	25,797	83,480
All other industries.....	11	757	1,212,681	891,486	3,630,501	9,068,822
Totals.....	29	903	1,388,887	906,022	3,773,447	9,658,815
Chemicals and Allied Products—						
Gases, compressed.....	3	85	161,155	14,421	101,215	618,758
Medicinal and pharmaceutical pre- parations.....	7	176	259,236	7,847	477,258	1,764,423
Miscellaneous chemical products.....	5	36	58,016	821	131,775	260,723
Paints, pigments and varnishes.....	5	208	325,185	31,998	1,998,973	3,069,848
Soaps and washing compounds.....	5	39	49,103	6,017	188,678	268,436
Toilet preparations.....	5	30	22,451	717	127,147	226,391
All other industries.....	6	56	69,962	7,999	193,751	309,527
Totals.....	36	630	945,108	69,820	3,218,797	6,518,106

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER WINNIPEG—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Brooms, brushes and mops.....	6	96	125,680	3,827	271,778	548,541
Mattresses and springs.....	6	501	833,864	28,394	2,229,917	4,124,099
Scientific and professional equip- ment.....	5	44	56,309	2,381	39,126	90,094
Signs, electric, neon and other.....	5	125	218,555	26,910	89,136	609,029
Stamps and stencils, rubber and metal.....	4	13	26,016	460	16,061	54,590
Statuary, art goods and novelties..	5	39	35,865	505	76,752	126,285
All other industries.....	6	54	79,824	3,027	195,601	427,100
Totals.....	37	872	1,376,113	65,504	2,918,371	5,979,738
Totals Greater Winnipeg.....	843	31,559	50,712,388	3,926,520	187,190,503	293,667,033

GREATER VANCOUVER

Vegetable Products—						
Aerated and mineral waters.....	10	144	253,367	22,014	748,168	1,145,092
Biscuits, confectionery, cocoa, etc.	20	427	525,450	7,008	1,123,411	2,558,140
Bread and other bakery products	136	1,827	2,866,172	169,267	4,405,987	9,491,951
Breweries.....	3	454	1,013,645	65,948	1,104,026	8,032,551
Feeds, prepared stock and poultry	10	228	510,080	41,788	4,011,469	6,308,144
Foods, breakfast.....	3	14	12,769	1,253	37,110	56,729
Foods, miscellaneous.....	31	582	756,542	48,554	10,929,028	12,924,438
Fruit and vegetable preparations	21	1,065	1,420,307	81,353	7,041,771	10,392,582
Macaroni, vermicelli, etc.....	3	59	74,573	8,578	144,808	313,943
Tobacco, cigars, cigarettes.....	3	14	16,871	159	11,771	34,642
All other industries.....	8	1,307	2,023,708	342,968	11,157,406	28,740,535
Totals.....	248	6,221	9,504,529	853,715	41,214,898	79,998,750
Animal Products—						
Boots and shoes, leather.....	8	312	409,404	10,497	667,787	1,159,030
Butter and cheese.....	10	882	1,616,088	145,975	6,649,120	10,676,589
Dairy products, other.....	7	122	189,216	24,536	571,246	941,802
Fish-curing and packing.....	20	1,041	1,663,011	116,157	9,606,938	13,627,224
Fur goods.....	14	99	119,165	3,323	232,340	439,544
Gloves and mittens, leather.....	3	79	107,293	1,040	139,199	278,644
Leather tanneries.....	3	38	63,444	6,919	245,482	324,999
Miscellaneous leather goods.....	8	161	204,872	4,226	320,617	710,829
Sausage and sausage casings.....	4	99	115,221	6,823	543,241	737,628
Slaughtering and meatpacking....	9	1,198	2,285,394	187,964	21,781,921	25,772,150
Totals.....	86	4,031	6,773,138	507,460	40,757,893	54,668,439
Textiles and Textile Products—						
Awnings, tents and sails.....	7	189	254,706	6,696	520,817	1,142,222
Clothing, men's factory.....	13	318	386,099	7,703	819,207	1,504,040
Clothing, women's factory.....	20	539	689,397	7,838	955,989	2,207,336
Cotton and wool waste.....	3	22	30,266	6,388	116,847	162,992
Hosiery and knitted goods.....	4	144	170,121	4,903	336,645	703,781
Miscellaneous textiles.....	3	18	22,879	929	96,485	142,905
Woollen cloth.....	3	121	176,559	18,055	499,265	1,323,427
All other industries.....	9	281	439,332	19,792	1,777,595	2,924,182
Totals.....	62	1,632	2,169,359	72,304	5,122,850	10,110,885
Wood and Paper Products—						
Blueprinting.....	4	18	20,935	2,357	21,140	65,097
Boat building.....	20	221	369,420	7,273	320,578	835,926
Boxes and bags, paper.....	8	503	777,072	33,980	2,677,899	4,590,044
Boxes, wooden.....	8	160	271,014	18,500	525,277	896,959
Coffins and caskets.....	3	57	73,937	1,667	226,693	407,311
Cooperage.....	4	64	104,412	5,218	205,335	339,981

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—con.

GREATER VANCOUVER—continued

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Wood and Paper Products—conc.						
Engraving, stereotyping and electrotyping.....	8	137	277,424	6,262	102,867	501,958
Furniture.....	99	1,476	2,175,569	62,067	2,766,253	6,183,348
Lithographing.....	6	184	382,220	10,492	426,268	1,097,057
Miscellaneous paper products.....	11	436	708,238	19,977	2,540,570	4,210,355
Miscellaneous wooden products.....	30	199	320,802	8,607	774,086	1,273,682
Planing mills, sash and door fac- tories.....	49	958	1,660,974	81,845	2,469,148	5,129,284
Plywood and veneer.....	7	1,651	2,781,357	114,785	4,887,495	11,142,283
Printing and bookbinding.....	97	840	1,402,433	37,141	1,006,872	3,101,306
Printing and publishing.....	11	1,229	2,472,250	37,480	1,219,254	5,373,737
Sawmills.....	94	6,371	12,050,909	444,574	24,136,197	51,155,227
Woodenware.....	4	87	98,433	3,554	108,281	243,049
Wood turning.....	6	64	108,101	4,611	184,540	393,645
All other industries.....	15	1,223	2,824,199	510,706	4,934,246	9,884,681
Totals.....	490	15,878	28,909,699	1,411,102	49,541,999	106,824,929
Iron and Its Products—						
Automobile supplies.....	9	164	308,877	12,971	454,544	1,153,060
Boilers, tanks and platework.....	6	169	396,056	19,856	904,425	1,390,877
Castings, iron.....	14	407	755,133	33,022	429,549	1,658,887
Hardware, tools and cutlery.....	16	453	818,349	35,143	675,048	2,053,948
Heating and cooking apparatus.....	9	149	277,548	5,041	166,510	607,228
Iron and steel products, miscel- laneous.....	20	319	564,030	27,963	664,388	1,946,827
Machinery.....	31	2,013	4,148,544	131,629	3,141,957	9,590,564
Machine shops.....	42	473	973,206	27,362	625,371	2,040,036
Primary iron and steel.....	5	209	363,915	53,290	143,957	747,139
Sheet metal products.....	20	869	1,646,941	89,521	6,950,560	11,009,074
Shipbuilding and repairs.....	15	4,359	9,821,704	221,706	3,327,185	25,096,400
Wire and wire goods.....	9	294	551,934	27,500	1,539,689	3,122,081
All other industries.....	4	1,062	2,266,208	108,987	4,318,142	8,742,117
Totals.....	200	10,940	22,892,445	793,991	23,341,325	69,158,238
Non-ferrous Metal Products—						
Brass and copper products.....	15	233	447,345	19,686	295,112	921,449
Electrical apparatus and supplies.....	14	253	397,784	18,259	477,338	1,065,412
Jewellery, electro-plated ware, etc.....	5	79	131,340	1,167	127,795	326,823
White metal alloys.....	3	59	119,932	10,514	550,785	811,893
All other industries.....	1	29	69,902	3,222	23,682	127,734
Totals.....	38	653	1,166,303	52,848	1,474,712	3,253,311
Non-metallic Mineral Products—						
Cement products.....	10	147	252,003	14,068	475,256	934,857
Glass products.....	7	100	169,596	6,177	170,594	360,377
Miscellaneous non-metallic mineral products.....	5	61	103,625	8,885	158,200	381,443
Stone, monumental and ornamental.....	7	36	60,458	3,973	41,571	149,697
All other industries.....	9	659	1,233,809	53,504	7,577,317	12,180,016
Totals.....	38	1,003	1,819,491	546,607	8,422,938	14,006,390
Chemicals and Allied Products—						
Fertilizers.....	4	66	118,754	8,696	626,256	1,256,697
Miscellaneous chemical products.....	9	35	39,296	1,646	78,271	216,757
Paints, pigments and varnishes.....	7	149	273,323	11,959	966,667	1,989,137
Soaps, washing compounds, etc.....	15	102	183,171	13,409	407,948	1,095,176
Toilet preparations.....	3	3	4,000	75	3,966	13,018
All other industries.....	14	244	449,502	38,627	978,461	2,213,783
Totals.....	52	599	1,068,046	74,412	3,061,569	6,784,568

Principal Statistics of the Manufacturing Industries Located in the Metropolitan Areas of Montreal, Toronto, Hamilton, Windsor, Winnipeg and Vancouver, 1946—conc.

GREATER VANCOUVER—concluded

Industry	Estab- lish- ments	Em- ployees	Salaries and Wages	Cost of Fuel and Electricity	Cost of Materials	Gross Value of Products
	No.	No.	\$	\$	\$	\$
Miscellaneous Industries—						
Brooms, brushes and mops.....	4	109	157,126	3,167	223,190	476,992
Ice, artificial.....	6	120	212,771	58,225	19,597	587,650
Mattresses and springs.....	4	296	497,522	13,165	1,223,759	2,154,320
Musical instruments and materials	4	7	9,877	380	3,953	17,181
Scientific and professional equip- ment.....	4	17	24,417	544	8,704	50,172
Signs, neon, electric and other.....	4	204	484,033	15,360	125,105	757,866
Stamps and stencils, rubber and metal.....	7	68	105,517	2,893	39,269	226,981
Statuary, art goods and novelties.	3	35	29,764	421	21,413	54,282
All other industries.....	8	124	154,692	4,010	247,266	528,195
Totals.....	44	980	1,675,719	98,165	1,912,256	4,853,639
Totals, Greater Vancouver.	1,258	11,937	75,978,729	4,410,604	174,850,446	349,659,149

APPENDIX II

Alphabetical List of the Products Reported as having been Manufactured in Canada in 1946

The appended list of the products of Canadian manufacturing industries presents the value and in most cases the quantity of the individual products in a much more detailed form. Prior to 1927, in presenting statistics of manufacturing production, the whole production of an establishment was taken as a unit. This not only prevented the presentation of production figures for specific products in detail, but also involved numerous inaccuracies in the production statistics of classes of commodities, owing to the fact that commodities which may be the major line of production in one establishment may also be products of secondary importance in another establishment where the major line of production puts the establishment into a different class. The statistics which follow, however, have been compiled by taking from the individual returns of each of the 31,249 manufacturing establishments covered, the value and, when given, the quantity of each commodity specified as produced by the establishment. In this way, detailed production figures are obtained for specific commodities and furthermore the total production of each commodity is brought together, no matter how varied may be the operations in different establishments producing it. Nevertheless it should be pointed out to those making use of these figures that there is one element of incompleteness about them. In the returns of many manufacturers, products of minor importance are grouped under the name "all other products". As will be seen from the group at the end of the list, the value of products not specified, while they may appear unimportant to the individual manufacturer, are, in the aggregate, a large amount, especially in the industries of the iron and steel group. It is obvious that one manufacturer may consider a product of insufficient importance to report separately for his establishment, while that same product may be reported separately by other establishments. In other words, included in the value of other products not specified at the end of the list, there are doubtless values which, had the products been specified by the manufacturer, would have been included in the values of commodities appearing on the list. However, the products not specified total only about 1.5 per cent in value of the whole manufacturing production, although in the iron and steel group this proportion is 4.7 per cent. With the exception of this group, therefore, the incompleteness of the figures on this account is insignificant.

There is no duplication in the listing of products, nor do any of the items include products listed in more detail under another name. It is possible, however, that essentially the same commodity produced in different establishments may have been called by different names; in such a case, which is probably a very rare one, the items would appear separately in the following list.

Alphabetical List of Products Manufactured in Canada, 1946

Items	Unit of Measure	Quantity	Value
			\$
Abrasive cloth.....	—	—	*
Abrasive paper.....	—	—	*
Abrasive wheels and segments.....	—	—	*
Absorbent cotton.....	—	—	*
Accelerators, synthetic.....	—	—	*
Acetaldehyde.....	—	—	*
Acetic anhydride.....	—	—	*
Acetone.....	—	—	*
Acetylene.....	—	—	*
Acid, acetic.....	cu. ft.	154,428,439	2,653,027
Acid, calcium phosphate.....	—	—	*
Acid, citric.....	—	—	*
Acid, cresylic.....	—	—	*
Acid, fatty, coconut, tallow, etc.....	—	—	*
Acid, hydrochloric (muriatic).....	lb.	2,874,780	314,818
Acid, hydrofluosilicic.....	"	21,238,754	280,977
Acid, nitric.....	—	—	*
Acid, naphthenic.....	—	—	*
Acid, oleic.....	—	—	*
Acid, phosphoric.....	—	—	*
Acid, stearic.....	—	—	*
Acid, sulphuric.....	lb.	1,160,687,007	4,310,841
Adhesives, n.e.s.....	—	—	391,768
Advertising matter, printed, n.e.s.....	—	—	18,083,133
Advertising novelties (see "Novelties").....	—	—	*
Agitators, mining and metallurgical.....	—	—	55,612
Agricultural implements and parts, n.e.s.....	—	—	7,109,978
Air conditioning equipment.....	—	—	1,330,070
Aircraft, including parts and repairs.....	—	—	33,640,592
Alcohol, butyl.....	—	—	*
Alcohol, denatured.....	(Made Sold) prl. gal.	5,511,868 6,319,509	3,050,993 3,763,426
Alcohol, not denatured.....	(Made Sold) "	3,362,668 3,807,109	1,659,319 2,441,882
Alkylate.....	gal.	4,218,725	834,042
Alloy die casting.....	lb.	7,017,265	622,324
Almond paste.....	"	110,801	40,851
Alumina, fused (crude).....	—	—	*
Alumina, fused (abrasive grains).....	—	—	*
Aluminum fluoride.....	—	—	*
Aluminum sulphate and stearate.....	—	—	*
Aluminum products, not specified.....	—	—	4,579,699
Ammonia, anhydrous.....	lb.	110,071,679	1,694,161
Ammonia, aqua.....	—	—	*
Ammonia, liquid.....	—	—	11,706
Ammonia, liquor.....	—	—	*
Ammonia, powder.....	lb.	2,979,370	138,713
Ammonium chloride.....	—	—	*
Ammonium hydroxide.....	—	—	*
Ammonium nitrate.....	—	—	*
Ammonium phosphate.....	—	—	*
Ammonium sulphate.....	ton	198,759	5,909,929
Ammunition (see Munitions & Supplies).....	—	—	*
Anti-freeze preparations.....	—	—	1,701,098
Apple butter.....	lb.	152,966	19,242
Apple pomace, chop and waste.....	"	2,322,815	65,865
Apple juice concentrate.....	gal.	628,796	803,958
Apples, evaporated and dehydrated.....	lb.	2,774,584	559,733
Aprons, fabric.....	doz.	291,770	1,451,685
Aprons, rubber and oiled.....	—	15,295	129,663
Arm bands.....	"	47,076	75,823
Artware, pottery (see also "Pottery").....	—	—	475,700
Art needlework.....	—	—	122,412
Art work (printing).....	—	—	1,552,639
Asbestos products, n.e.s.....	—	—	1,211,266
Asphalt.....	imp. gal.	93,497,528	8,194,041
Asphalt, emulsion.....	—	—	*
Asphalt products, n.e.s.....	—	—	30,120
Atomizers.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Automobiles, commercial—			
$\frac{1}{2}$ ton or less.....	For sale in Canada No.	12,298	9,560,819
	For export	11,069	6,233,301
1 ton and less than $1\frac{1}{2}$ tons.....	For sale in Canada "	5,183	4,843,479
	For export	1,159	913,105
$1\frac{1}{2}$ tons and less than 2 tons.....	For sale in Canada "	2,735	3,694,006
	For export	1,240	673,088
2 tons and less than $2\frac{1}{2}$ tons.....	For sale in Canada "	9,315	10,658,196
	For export	18,969	16,629,703
$2\frac{1}{2}$ tons and less than $3\frac{1}{2}$ tons.....	For sale in Canada "	10,358	13,638,438
	For export	5,367	4,692,332
$3\frac{1}{2}$ tons and less than 5 tons.....	For sale in Canada "	567	1,452,155
5 tons.....	For sale in Canada "	122	503,996
Over 5 tons.....	For sale in Canada "	94	310,261
Station wagons.....	For sale in Canada "	199	221,222
	For export	344	436,085
Other, not specified.....	"	217	436,430
Automobiles, passenger—			
Convertible cars.....	For sale in Canada "	203	215,592
	For export	8	10,143
Permanent closed cars—Coupe.....	For sale in Canada "	7,579	7,156,660
	For export	639	582,253
2 Door Sedan.....	For sale in Canada "	15,061	13,623,563
	For export	22	23,654
4 Door Sedan.....	For sale in Canada "	40,203	41,297,731
	For export	17,703	14,577,165
Other closed.....	For sale in Canada "	439	435,830
	For export	1,852	1,118,674
Buses, complete.....	"	474	6,916,189
Automobile bodies and cabs.....			8,942,663
Automobile chassis.....	No.	8,162	3,806,065
Automobile cloth.....	yd.	680,488	1,311,308
Automobile parts and accessories, not specified.....			60,018,153
Automobile trailers.....			4,403,401
Awnings and verandah curtains.....			1,006,689
Axes and hatchets.....	No.	1,291,835	1,241,513
Axes and shafts, automobile.....			2,362,231
Axes and parts, not specified.....			1,192,348
Babies' high chair sets, commodes and other baby supplies.....			178,784
Babbitt metal.....	lb.	5,077,738	1,386,295
Badges, rosettes, buttons, etc.....			591,693
Bags, fabric—			
Cotton.....	doz.	4,070,512	8,324,666
Jute.....	"	7,768,895	17,236,320
Cosmetic.....			82,927
Sleeping.....			501,085
Tea (paper and fabric).....			*
Fabric, not specified.....			1,018,805
Bags, fabric, repaired and processed.....			1,944,026
Bags, leather and imitation leather—			
Club bags and suit cases.....			2,797,579
Hand bags and parts.....			7,848,870
School bags.....			239,882
Bags, paper—			
Glassine and cellophane.....			1,747,931
Millinery, garment and laundry.....			517,415
Self-opening.....			3,357,561
Wedge.....			948,963
Paper, not specified (including multi-wall).....			8,610,452
Bags, rubber, air and steam.....	No.	4,193	68,526
Bags, rubber and rubberized.....			7,345
Bale ties—Quantity made.....	ton	5,196	
Quantity sold.....	"	5,099	519,405
Balloons.....	gr.	14,119	87,335
Balls, golf, complete.....	doz.	89,459	400,776
Balls, soft.....	"	24,996	244,319
Balls, other, including bladders, centres, etc.....			972,142
Barley, pot and pearl.....	lb.	35,524,000	435,057
Barley, roasted.....	"		*
Barn and stable equipment, not elsewhere specified.....			353,127

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946 - Con.

Items	Unit of Measure	Quantity	Value
			\$
Barrels, wooden—			
Apple, etc.	No.	1,006,887	1,361,859
Fish, slack	"	15,119	16,824
" tight	"	133,668	366,853
Flour, sugar, etc.	"	82,346	112,904
Oil, vinegar, water, etc.	"	296,798	1,510,751
Whiskey, beer, etc.	"	6,453	117,831
Barrels, steel	"	432,725	1,752,973
Barrels, repaired, etc.	—	—	113,613
Barrels, n.e.s.	—	—	75,650
Bars, iron and steel—			
Hot rolled, of all grades:			
Quantity made	net ton	393,365	
Quantity sold	"	328,420	25,317,510
All other, including cold rolled and cold drawn, spike rods, bolt stock, etc.—			
Quantity made	net ton	139,106	
Quantity sold	"	92,890	7,667,985
Bars and ingots, aluminum	lb.	21,822,168	3,807,652
Basket bottoms	—	—	—
Baskets and crates, fruit and vegetable	—	—	3,185,872
Baskets, other, not specified	—	—	668,551
Bathing caps	doz.	52,302	149,797
Bathing suits	"	143,916	2,894,785
Bathrobes, kimonos, lounging jackets, etc.—			
Cotton—			
Women's and misses'	doz.	24,552	668,484
Children's	"	15,700	177,718
Rayon and silk—			
Women's and misses'	"	26,060	1,889,991
Men's and youths'	"	9,783	792,606
Children's	"	1,618	40,951
Not specified	"	3,489	180,000
Wool and flannel—			
Women's and misses'	"	7,513	699,944
Men's and youths'	"	13,021	1,107,965
Children's	"	5,328	63,458
Not specified—			
Women's and misses'	"	13,941	796,025
Men's and boys'	"	11,766	365,767
Children's	"	10,058	164,742
Bats, baseball	No.	217,815	157,741
Batteries—			
Storage, for automobiles and other internal combustion engines	No.	1,439,961	7,749,456
Storage, for railway service	no. of cells	9,880	214,759
Storage, for motor cycle starting	No.	8,323	23,274
Storage, for telephone switch boards	No.	7,733	136,170
Storage, for farm lighting plants	no. of cells	87,666	630,988
Storage, for all other purposes	—	—	818,090
Dry-cell, all kinds	—	—	6,660,640
Parts, supplies and complete air-cell batteries	—	—	1,273,826
Battery containers, separators, etc.	—	—	1,608,397
Batting, wadding, flocks and rolls (including auto batts)	—	—	2,135,128
Bearings, roller and parts	—	—	839,349
Beauty parlour and barber equipment, n.e.s.	—	—	257,845
Beds and couches—			
Metal and iron beds	No.	231,320	2,192,228
Studio couches, metal	"	46,728	1,497,124
Studio couches, other	"	32,395	1,530,952
Metal couches, other	"	7,341	37,220
Metal and other cots and bunks	"	84,491	674,158
Crisbs, all kinds	"	34,346	358,718
Beds, camp and other, n.e.s.	—	—	19,137
Bedsprads and bed sets—			
Cotton	No.	529,812	2,537,554
Silk and artificial silk	"	67,244	227,310
Not specified	"	121,964	806,401
Beef extract	—	—	*
Beekeepers' supplies, n.e.s.	—	—	500,750
Beer, ale, stout and porter—			
In bulk	gal.	50,850,570	48,952,169
In bottles	"	100,459,520	133,688,934

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Beer, spruce.....	"	194,803	187,187
Beet pulp, wet and dried.....	—	—	720,089
Bells and gongs.....	—	—	65,647
Belting, cotton.....	—	—	*
Belting, leather (transmission).....	lb.	824,799	1,706,995
Belting, rubber.....	"	7,636,172	4,810,541
Belts, automobile, fan.....	No.	1,523,978	623,374
Belts, rubber, not specified.....	"	838,288	488,176
Belts and aprons, sanitary.....	—	—	82,017
Belts, body, not specified.....	—	—	2,855,074
Benzol.....	imp. gal.	5,776,019	818,315
Bicycles.....	No.	85,804	2,310,185
Bicycle parts.....	—	—	772,667
Billiard and bowling supplies, n.e.s.....	—	—	521,546
Binders, loose-leaf and other.....	—	—	1,731,037
Binders, grain and corn.....	—	—	6,209,712
Binding and stitching (trade work).....	—	—	1,224,461
Bindings—(See also "Tapes")			
Cotton.....	—	—	929,668
Silk and artificial silk mixtures.....	—	—	113,748
Other.....	—	—	29,397
Bins and hoppers.....	—	—	721,930
Biological products, n.e.s.....	—	—	2,212,294
Biscuits, plain and fancy.....	ton	47,756	18,045,373
Biscuits, soda.....	"	26,803	8,824,188
Biscuits, pretzels.....	—	—	*
Black, acetylene.....	—	—	*
Blackboards, asbestos.....	—	—	41,601
Blankets:—			
Cotton.....	pair or lb.	1,886,164	3,323,118
Cotton warp.....	pair or lb.	5,390,128	33,901
Wool.....	lb.	203,800	187,799
Wool and cotton.....	pair or lb.	528,296	3,513,748
Slumber throws.....	pair or lb.	164,241	840,104
Not specified.....	No.	147,869	555,941
Blankets, horse.....	No.	—	698,251
Bleaching compounds.....	—	—	102,218
Blinds, venetian (see "Shades and blinds")	—	—	364,635
Blood, animal, dried and soluble.....	—	—	215,155
Blooms, billets and slabs—			
Quantity made.....	ton	1,620,903	—
Quantity sold.....	"	211,798	9,582,510
Blouses, women's and misses'.....	doz.	429,145	9,764,624
Blouses, children's.....	"	85,142	847,032
Blouses and shirtwaists, boys' (See "Shirts")	—	—	*
Blow torches.....	—	—	147,886
Blowers, furnace.....	No.	3,454	42,646
Blowers, not specified.....	—	—	92,641
Blue, laundry.....	—	—	534,102
Boats, life and whale.....	No.	329	717,489
Boats, motor and parts.....	"	816	550,606
Boats, outboard motor.....	No.	3,903	1,019,382
Boats, scows, tugs and other craft.....	No.	316	111,221
Boats, sail.....	—	—	1,293,322
Boats, other, including row boats, skiffs, etc.....	—	—	21,210
Boat parts.....	—	—	868,502
Boiler compound.....	—	—	3,843,895
Boilers, heating.....	No.	16,038	4,238,672
Boilers, power.....	"	986	378,483
Boilers, power, heating and not specified.....	—	—	1,369,366
Boilers, range.....	No.	138,396	2,092,019
Boiler parts and accessories.....	—	—	765,197
Bologna and blood pudding.....	lb.	4,528,191	*
Bolt boards.....	—	—	8,329,251
Bolts, nuts and rivets.....	ton	47,299	368,768
Bone and meat meal and flour.....	lb.	9,760,040	488,374
Bone, raw, ground, etc.....	lb.	28,873,707	1,359,558
Books, printed and bound, chiefly for advertising.....	—	—	—

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Books, printed and bound, not chiefly for advertising.....	—	—	6,487,645
Books and pads, drawing, exercise scribbles, etc., not elsewhere specified.....	—	—	2,124,360
Books, ledger and account.....	—	—	723,806
Books, counter, check, sales, etc.....	—	—	1,705,891
Books, blank, bound, not specified.....	—	—	644,004
Bottles, thermos.....	—	—	—
Bowling supplies (see billiard and bowling supplies)	—	—	—
Box toes.....	No.	8,366,859	170,255
Boxes, mail.....	—	—	—
Boxes, paper—	—	—	—
Corrugated.....	—	—	27,437,633
Fibre board.....	—	—	753,826
Folding.....	—	—	19,377,573
Mailing tubes and other round.....	—	—	151,194
Set-up.....	—	—	10,092,282
Not specified.....	—	—	84,849
Boxes, wooden:—	—	—	—
Ammunition (wooden and steel).....	—	—	168,326
Apple.....	No.	1,293,781	326,682
Berry.....	"	21,576,874	188,084
Butter.....	"	1,934,149	845,497
Cheese.....	"	1,376,804	603,886
Cigar and tobacco.....	—	—	*
Fish.....	No.	2,224,663	807,891
Meat.....	"	2,014,920	1,039,364
Plywood.....	"	684,026	1,096,420
Boxes, wooden, not specified, including veneer.....	—	—	8,795,265
Boxes, other, not specified.....	—	—	112,236
Box panels, plywood.....	—	—	—
Braids and gimps.....	—	—	2,545,170
Brake beams and parts.....	—	—	163,035
Brakes, auto, and parts.....	—	—	1,040,580
Brakes, brake shoes and parts.....	—	—	1,364,212
Brass.....	ton	439,820	9,795,466
Brass ingots.....	lb.	22,657,570	2,698,819
Brass, bronze and copper products, not specified.....	—	—	293,156
Bread.....	lb.	1,375,621,953	79,751,441
Bread boards.....	—	—	17,457
Breakfast foods (see "Cereal products")	—	—	—
Brewery and distillery equipment, n.e.s.....	—	—	167,938
Bricks, cement.....	M	296,222	351,127
Bricks, from domestic clay.....	M	272,442	6,631,198
Bricks, sand-lime.....	M	39,857	587,989
Briquettes, coal and coke.....	—	—	—
Bristles.....	—	—	11,187
Bronze ingots.....	lb.	10,525,189	1,613,065
Bronze products, n.e.s.....	—	—	17,473
Brooms—	—	—	—
Corn.....	doz.	328,296	2,958,481
Fibre.....	"	40,761	322,801
Hair.....	"	6,049	128,180
Toy.....	"	9,796	22,388
Other.....	"	1,066	12,606
Brushes—	—	—	—
Made of corn and fibre.....	doz.	3,089	7,148
Clothes.....	"	31,176	115,170
Generator and motor.....	—	—	390,793
Hair.....	doz.	128,054	1,373,058
Nail.....	"	78,258	152,450
Paint.....	"	491,562	3,432,716
Shaving.....	"	41,441	407,956
Shoe.....	"	30,651	73,044
Tooth.....	"	508,213	746,715
For household purposes.....	"	319,116	1,075,840
For industrial use.....	"	146,414	991,916
Other, not specified.....	"	1,975,025	510,779
Brush blocks, backs, etc.....	—	—	75,542
Buckles, clips, etc.....	—	—	127,817
Buffing composition.....	—	—	106,704
Buffing wheels.....	—	—	135,868
Bufs, polishing, cotton.....	—	—	299,270

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Building blocks, hollow, cement, cinder, sand-lime, etc.....	—	—	4,994,675
Bungs, barrel.....	—	—	*
Buns.....	—	—	17,113,839
Burlap.....	—	—	*
Burners, lamp.....	—	—	*
Butane.....	Gal.	15,011,837	1,351,140
Butter, factory made.....	lb.	271,469,899	105,443,878
Butter, whey, factory made.....	"	2,477,945	904,753
Buttons—			
Celluloid.....	gr.	89,761	462,578
Plastic.....	"	635,117	696,857
Metal.....	"	1,045,420	270,298
Moulded.....	"	4,456,237	1,101,168
Pearl.....	"	344,867	246,044
Not specified.....	"	462,594	524,306
Button covering, hemstitching, etc.....	—	—	981,061
Butyl acetate.....	—	—	*
Cabinets, ice cream.....	—	—	*
Cabinets, medicine.....	—	—	66,632
Cabinets, phonograph and radio.....	No.	342,659	2,686,564
Cabinets, not specified.....	—	—	322,435
Calcium chloride.....	—	—	*
Calcium carbide.....	—	—	*
Calcium cyanamide.....	—	—	*
Calcium cyanide.....	—	—	*
Calcium naphthenate.....	—	—	*
Calcium stearate.....	—	—	*
Calks, horseshoe and other.....	—	—	120,508
Camel back.....	lb.	1,211,834	410,178
Cameras.....	—	—	*
Candles.....	—	—	1,559,848
Candy sticks.....	—	—	*
Canoes.....	—	—	*
Cans, paper or fibre, metal ends and other.....	No.	200,619,648	660,338
Cans, tin, general line.....	—	—	3,074,020
Cans, tin, packers' sanitary.....	—	—	13,436,417
Cans, tin and metal, other.....	—	—	33,911,924
Canvas and canvas goods, not elsewhere specified.....	—	—	2,325,144
Capacitors, (static condensers) for power factory correction.....	No.	525,120	182,337
Capacitors.....	—	—	1,425,472
Caps—			
Cloth.....	doz.	200,297	1,823,456
Cotton.....	"	75,237	224,179
Fur.....	"	8,496	263,636
Leather.....	"	18,684	182,532
Sport.....	"	58,725	351,004
Uniform.....	"	38,441	591,721
Not specified.....	"	5,416	16,202
Caps, bottle, paper.....	M	1,737,984	926,203
Caps, bottle, metal and plastic.....	—	—	6,714,263
Carbon dioxide gas.....	—	—	*
Carbon dioxide in cylinders.....	—	—	*
Carbon dioxide, solid.....	—	—	*
Carbon bisulphide.....	—	—	*
Carbons, illuminating, for lamps.....	—	—	*
Carbon products, not specified.....	—	—	31,906
Carburizing chemicals.....	—	—	*
Cards, greeting.....	—	—	5,645,198
Cards, playing.....	—	—	*
Cards, visiting.....	—	—	*
Carpets, mats and rugs—			
Carpets in rolls including stair—			
Axminster.....	carpet yd.	278,854	746,142
Wilton.....	"	344,845	1,470,419
Other, not specified.....	"	249,474	386,521
Carpets in squares, 4'6" by 7'6" or larger—			
Axminster.....	"	516,138	1,471,339
Wilton.....	"	119,957	525,376
Small squares and runners—			
Axminster.....	"	42,307	125,784
Wilton.....	"	18,999	88,697

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Alphabetical List of Products Manufactured in Canada, 1946 (Con.)

Items	Unit of Measure	Quantity	Value
			\$
Rugs and carpets, not specified	—	—	1,399,037
Rugs made from old carpets	—	—	56,463
Carpet sweepers	—	—	—
Carriages and wagons, complete	No.	3,606	660,987
Carriages, baby	No.	136,054	2,181,443
Carriage and wagon bodies and boxes	—	—	56,609
Carriage and wagon materials	—	—	459,967
Carriers, litter	—	—	*
Cars, railway, track, motor	—	—	*
Cars, steam, railway, new	No.	10,092	31,831,866
Cars, dump, hand, push and other, not specified	—	—	379,165
Carts, concrete	—	—	*
Carvings, wood and other	—	—	26,730
Casein	lb.	6,046,823	1,334,060
Cases, clock	—	—	63,592
Cases, eye-glass and jewellery	—	—	621,057
Cases, leather, all kinds	—	—	2,190,296
Cases, toiletware and silverware	—	—	516,126
Cases, not specified	—	—	149,030
Caskets	No.	99,010	3,819,595
Casks, fish	"	20,850	46,751
Casks, other	—	—	*
Castings—			
Aluminum	lb.	10,447,226	4,489,731
Brass	"	26,551,992	5,184,686
Bronze	"	9,505,307	2,587,137
Copper	"	143,475	51,749
Die	—	—	3,134,247
Grey iron	ton	185,764	25,034,766
Malleable iron	ton	28,860	5,917,044
Iron, not specified	—	—	306,410
Lead	ton	297	61,089
Steel—			
Quantity made	net ton	75,544	—
Quantity sold	"	75,275	18,657,306
Castings, not specified	—	—	1,178,748
Castors, all kinds, and parts	—	—	543,567
Catalogues, printed, etc.	—	—	4,801,636
Catsup (see Tomato catsup)	—	—	—
Ceiling and siding metal	—	—	59,751
Cellophane products, not specified	—	—	*
Cellulose products, n.e.s.	—	—	*
Cement, Portland—			
Quantity made	lb.	10,675,672	—
Quantity sold	"	11,560,483	21,724,021
Cement, linoleum	lb.	1,814,790	95,895
Cement, rubber	—	—	245,395
Cements, not specified	—	—	591,350
Cement products, not specified	—	—	668,560
Cereal products, prepared, ready to serve	lb.	84,400,626	12,164,047
Cereal products, unprepared	"	24,967,527	1,834,909
Cerelose	—	—	*
Cerium	—	—	*
Certificates, stock, bond, etc., printed	—	—	302,826
Chains, automobile	—	—	1,577,919
Chains, other than automobile, including sprocket chain	—	—	2,914,292
Chamois products	—	—	449,581
Chaplets, foundry	—	—	160,115
Chaps	—	—	*
Charcoal	lb.	147,647,509	30,913,936
Cheese, Canadian cheddar	"	1,194,789	365,978
Cheese, other than cheddar	"	3,903,097	1,704,117
Cheese, creamed	"	6,268,779	731,892
Cheese, skim milk and cottage	"	34,051,018	10,854,510
Cheese, processed and packed	—	—	173,437
Cheesecloth	—	—	1,610,198
Chemical products, not elsewhere specified	—	—	2,836,284
Cheques, notes, drafts, bank notes, etc., printed	—	—	870,876
Chests, cedar	—	—	17,738
Chests, other wood	boxes	8,463,326	4,707,181
Chewing gum	—	—	—
Chicken, canned (see Meats, canned)	—	—	—

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Chicory, roasted.....	—	—	*
Children's wear, not elsewhere specified.....	—	—	538,683
Chloral.....	—	—	*
Chloride of lime.....	lb.	3,255,534	121,113
Chlorine, liquid.....	"	63,098,002	1,360,721
Chocolate coating.....	"	10,416,071	1,991,345
Choppers, food.....	—	—	162,482
Churns.....	—	—	105,007
Cider (for sale).....	—	—	3,957
Cigars.....	M	219,985	14,690,822
Cigarettes.....	"	15,263,780	208,027,668
Cinder blocks (see "Building blocks").....	—	—	—
Classifiers, metal-working.....	—	—	90,370
Clay, bentonite and other.....	—	—	256,804
Cleaners, vacuum and parts.....	—	—	3,075,767
Cleaner, hand.....	—	—	364,099
Cleaner, fabric, floor and window.....	—	—	180,486
Cleaning and scouring powder and paste.....	lb.	24,805,660	2,096,904
Cleaning preparations, other.....	—	—	1,458,823
Clips and staples, wire.....	—	—	*
Clocks.....	—	—	1,511,552
Cloth, gummed.....	—	—	*
Clothes driers.....	—	—	30,061
Clothes pins.....	No.	100,334,424	264,068
Clothes hamper.....	—	—	166,346
Clothing, rubber, n.e.s.....	—	—	896,999
Clothing, military, not elsewhere specified.....	—	—	60,133
Clothing, safety.....	—	—	88,836
Clothing, sport and athletic.....	—	—	—
Jackets and blazers, (see Coats, jackets, etc.).....	—	—	—
Suits, ski, etc.....	No.	638,807	2,713,170
Slacks.....	"	1,492,598	4,178,476
Shorts.....	doz.	95,899	1,295,364
Parkas and hoods.....	"	47,296	4,320,149
Other sport clothing.....	—	—	1,678,582
Clothing, hospital.....	—	—	198,002
Clothing, oiled and waterproofed.....	—	—	803,936
Clothing, not specified.....	—	—	505,327
Coats and jackets—	—	—	—
Boys' overcoats and top coats.....	No.	59,533	598,289
Men's and youths' overcoats and top coats.....	"	875,993	17,388,358
Women's and misses' coats—	—	—	—
Woolen.....	No.	1,426,277	30,029,500
Other.....	"	54,013	756,656
Children's coats—	—	—	—
Woolen.....	"	755,782	5,217,574
Other.....	"	40,089	121,954
Boys' separate jackets—	—	—	—
Woolen.....	"	12,158	59,138
Other.....	"	3,388	11,462
Men's and youths' separate jackets—	—	—	—
Woolen.....	"	293,508	3,572,751
Other.....	"	14,672	91,727
Women's and misses' separate jackets—	—	—	—
Woolen.....	"	155,106	966,857
Cotton.....	"	30,377	76,580
Other.....	"	99,377	441,802
Children's separate jackets—	—	—	—
Woolen.....	"	78,638	203,864
Other.....	"	67,756	168,476
Windbreakers.....	doz.	166,509	8,658,851
Coats and vests, leather, n.e.s.....	"	4,472	439,167
Other sport jackets, not specified.....	—	—	84,267
Mackinaw and bush coats.....	doz.	17,883	1,527,539
Rubber and rubberized coats.....	"	12,280	641,316
Oiled and other waterproofed coats.....	"	49,310	4,434,588
Washable coats, smocks, etc. (See Overalls).....	—	—	—
Brunch coats and house coats.....	"	28,383	716,650
Other cloth coats, not specified.....	"	28,509	639,854
Coats, fur—	—	—	—
Children's.....	No.	812	25,417
Ladies' (coats and capes).....	"	215,549	41,656,731
Men's.....	"	2,008	414,668
Coats, fur-lined.....	"	1,471	212,317

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Coat shells and plates.....	—	—	—
Cobalt naphthenate.....	—	—	1,713,522
Cocoa (made for sale).....	—	—	*
Cocoa butter—	lb.	13,964,691	2,087,925
Made for own use.....	—	—	—
Made for sale.....	"	7,149,929	—
Cocoa and chocolate preparations, not elsewhere specified (6).....	—	4,208,538	1,409,408
Coffee, roasted.....	—	3,161,886	789,718
Coffee, substitute.....	—	98,438,542	24,438,030
Coffee makers, non-electric.....	—	—	*
Coffins.....	—	—	*
Coffin boxes (shells).....	No.	4,650	86,872
Coils.....	—	—	437,155
Coke, gas-house.....	—	—	104,751
Coke, petroleum.....	ton	3,363,109	32,676,130
Coke, pitch.....	—	69,615	363,106
Cold storage equipment.....	—	—	—
Collars and cuffs, men's.....	—	—	489,453
Collars, fur.....	—	—	77,265
Colours, butter, cheese and other.....	No.	115,038	1,626,967
Colours, dry.....	—	—	219,746
Colours, in oil and japan.....	—	—	2,530,727
Combs.....	—	—	*
Combs.....	No.	50,351,463	1,705,739
Comforters—	—	—	—
Cotton.....	No.	93,921	326,528
Down.....	"	8,451	173,353
Wool.....	"	81,188	420,187
Not specified.....	"	24,978	49,532
Communication systems (See radio communication equipment)	—	—	—
Compacts, powder and rouge.....	—	—	269,739
Compressors, air.....	—	—	4,802,876
Concentrates used for soft drinks.....	—	—	1,910,068
Concrete, ready-mixed.....	cu. yd.	483,691	3,932,240
Conduit, electrical, rigid iron.....	lb.	13,973,500	2,110,391
Conduit, electrical, flexible.....	ft.	5,444,625	172,486
Conduit fittings.....	—	—	549,457
Conduit and parts, not specified.....	—	—	565,089
Cones, ice cream.....	M	273,763	720,619
Cones and tubes, textile winding.....	—	—	338,713
Confectionery, chocolate—	—	—	—
In bulk.....	lb.	11,083,361	3,132,814
In bars.....	doz.	44,653,054	16,782,692
In packages.....	lb.	16,673,010	7,276,510
Not specified.....	"	546,287	232,688
Confectionery, sugar—	—	—	—
In bulk.....	lb.	34,955,193	7,146,970
In bars.....	doz.	1,898,994	700,883
In packages.....	lb.	7,747,632	3,478,855
Penny goods.....	gr.	1,239,239	1,190,582
Lozenges.....	lb.	858,374	214,343
Confectionery, not specified.....	—	—	192,721
Containers, not specified.....	—	—	665,428
Control and starting equipment, not elsewhere specified.....	—	—	4,203,228
Converter equipment, electrical.....	—	—	305,205
Coolers, milk and other.....	No.	3,118	576,381
Cooperage products, not specified.....	—	—	163,097
Copper alloys.....	—	—	*
Copper naphthenate.....	—	—	*
Copper and copper products, not specified.....	—	—	437,651
Cores, for paper rolls.....	M ft.	9,148	526,952
Cores, textile winding.....	—	—	*
Cork products.....	—	—	9,285
Corn, cracked.....	ton	680	39,205
Corsets, girdles, brassieres, etc.—	—	—	—
Corsets.....	doz.	215,005	5,406,175
Combination garments.....	"	35,068	1,336,937
Bandeaux, brassieres, etc.....	"	508,091	4,581,918
Suspender girdles, shoulder straps, etc.....	—	—	380,804
Corset steels and clasps.....	—	—	169,843
Cotter pins.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Cotton fabrics—			
Unbleached or grey.....	lb.	54,555,126	
	yd.	157,716,615	25,384,530
Bleached or white.....	lb.	6,997,313	
	yd.	27,905,456	4,488,912
Yarn and stock dyed.....	lb.	12,886,602	
	yd.	31,750,540	7,223,237
Piece dyed.....	lb.	9,082,659	
	yd.	33,514,265	7,382,261
Printed and painted.....	lb.	12,454,373	
	yd.	49,956,885	9,358,626
Pillow cotton.....	lb.	277,271	
	yd.	800,107	164,266
Cotton and continuous filament, artificial silk, mixed, mostly cotton.....	yd.	1,551,743	763,399
Not specified.....	"	1,656,802	828,401
Counters, shoe.....	pr.	35,265,910	576,147
Couplings, flexible.....	—	—	66,945
Covering, boiler and pipe, asbestos.....	sq. ft.	3,203,187	359,501
Covers, canvas.....	—	—	2,069,002
Covers, couch, table, and other furniture.....	—	—	155,430
Covers, mattress.....	doz.	6,419	57,357
Covers, stockinette, meat.....	—	—	650,134
Covers, radiator, tire, seat, etc.....	—	—	1,021,275
Covers, not specified.....	—	—	446,327
Cracklings.....	lb.	45,960,021	901,631
Crayons, wax and chalk.....	—	—	204,859
Cream curd.....	lb.	1,259,567	401,677
Cream, sold in dairy factories.....	—	—	19,177,099
Cream, whey, sold in dairy factories.....	—	—	531,886
Cream of tartar, refined.....	lb.	131,636	111,977
Cream separators.....	—	—	1,730,665
Cresols.....	—	—	*
Croquet sets.....	—	—	*
Cross arms.....	—	—	160,002
Croton aldehyde.....	—	—	*
Crucibles, clay.....	—	—	*
Crushers and parts.....	No.	16	130,802
Cuffs, fur.....	pr.	8,365	36,396
Cultivators.....	No.	19,023	1,320,287
Cups, aluminum, latex.....	—	—	—
Cups, paper, drinking and baking.....	—	—	1,065,785
Curtains, shower.....	—	—	78,599
Curtains and curtain materials.....	—	—	4,117,792
Curtain rods and fixtures.....	—	—	797,019
Cushions.....	No.	—	424,480
Cushion forms.....	doz.	124,223	71,480
Cushions and mattresses, air and sponge.....	—	930	17,098
Cutting blocks and tables, butchers'.....	—	—	76,238
Cutlery, all kinds.....	—	—	703,054
Dairy products, not specified.....	—	—	252,902
Dairy equipment, not specified.....	—	—	654,572
Daters.....	—	—	63,022
Decorations, including party favours, confetti, etc.....	—	—	674,133
D.D.T.....	—	—	*
Dentifrices.....	—	—	3,981,478
Dentists' supplies, not elsewhere specified.....	—	—	283,875
Deodorant.....	—	—	691,841
Desk sets.....	—	—	31,430
Detergents.....	—	—	*
Dextrine.....	—	—	477,429
Dextrose (see Glucose).....	—	—	*
Diamonds (gems).....	—	—	*
Diaries, printed, etc.....	—	—	146,235
Dibutyl phthalate.....	—	—	*
Dicyandiamide.....	lb.	13,188,000	1,379,531
Dies, diamond.....	—	—	*
Dies, stamping, drawing and cutting.....	—	—	631,568
Dies, metal-working, n.e.s.....	—	—	1,399,722
Dies, taps and stocks.....	—	—	431,909

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Dies, rubber, n.s.	—	—	209,307
Diggers, potato	—	—	110,202
Diphenylamine	—	—	*
Discs, agricultural	—	—	2,345,797
Dish cloths	No.	10,499	117,736
Dish washers, electrical, commercial	—	—	*
Disinfectants	—	—	782,836
Display forms, and mounting	—	—	604,173
Distillers' grain (See Grain, distillers')	—	—	—
Dog collars	No.	79,862	46,888
Doilies, paper, dinner cloths, etc.	—	—	1,946,614
Dolls of all kinds	—	—	79,730
Dolls' furnishings and parts	—	—	252,997
Doors, metal clad	—	—	1,880,461
Doors, veneer and plywood	No.	370,297	2,937,041
Doughnuts	—	—	751,578
Dowels	M-B. ft.	93,420	*
Down	—	—	458,394
Draperies and drapery material	—	—	—
Drapes, paper	—	—	—
Dresses, women's and misses'—			
Cotton (See also Coats, brunch coats, house coats, etc.)	No.	3,646,871	7,602,546
Linen	—	34,321	236,846
Artificial silk and mixtures	"	8,051,637	41,430,005
Velvet	—	95,950	1,099,777
Woollen	—	548,360	5,194,029
Not specified	"	32,124	111,524
Dresses, children's—			
Cotton	No.	3,130,208	3,169,881
Artificial silk and mixtures	—	1,344,369	2,326,132
Woollen	"	133,768	386,481
Not specified	"	98,676	139,320
Dressing gowns, negligees, (see Bathrobes) etc.	—	—	—
Dressing, salad	—	—	2,184,151
Drilling machines	—	—	—
Drills, grain and fertilizer	No.	3,809	781,140
Drills, grain, press and plain	—	8,617	1,823,179
Drills, twist and other	—	—	4,087,997
Drills, mining and metallurgical	—	—	2,730,930
Drives, V-belts	—	—	562,587
Druggists' sundries—			
Hot water bottles	doz.	50,198	337,942
Nipples and soothers	—	692,066	177,618
Ice caps and collars	"	2,553	17,169
Not specified	—	—	13,941
Drums, veneer and plywood	No.	305,160	336,911
Dyeing, finishing, shrinking, etc.—*			
Dyeing and finishing of textiles	yd.	69,697,598	5,653,800
Dyeing and finishing of yarns	lb.	2,657,735	640,709
Dyeing and finishing of other products	—	—	224,638
Bleaching, sponging, dyeing, etc., custom	—	—	2,329,427
Dyes, blended and packaged	—	—	501,285
Dyes and dressing, leather	—	—	686,558
Ear muffs	—	—	108,146
Eavetrough and pipe	—	—	491,255
Economizers	—	—	—
Egg cases	—	—	1,258,444
Egg substitute, including powdered albumen	—	—	38,443
Eggs, frozen	—	—	*
Egg graders	—	—	—
Eiderdown (see "Woollen cloth")	—	—	604,736
Elastic products, not elsewhere specified	—	—	218,049
Electric heating elements (sold separately)	No.	134,223	5,739,006
Electrical apparatus, parts and supplies, not elsewhere specified	—	—	4,286,598
Electrical instruments and meters, except ammeters for autos	—	—	*
Electrodes, carbon and graphite	—	—	2,501,850
Electrotyping and stereotyping	—	—	2,084,183
Elevator parts	—	—	4,276,922
Elevators, freight and passenger	—	—	135,948
Embalming fluid	—	—	—

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Emblems, badges and medals.....	—	—	682,970
Embossing.....	—	—	148,564
Embroideries and laces.....	—	—	1,636,186
Embroidery, custom.....	—	—	1,569,154
Enamel frit.....	—	—	*
Enamels, oil and synthetic type.....	imp. gal.	3,812,686	12,102,788
Engines, auto.....	—	—	*
Engines, auto, parts.....	—	—	3,410,967
Engines, gasoline.....	No.	59	657,985
Engines, steam.....	—	—	5,203,460
Engines, diesel and other, not specified.....	—	—	2,504,969
Engine and turbine parts.....	—	—	424,055
Engraving (Trade work).....	—	—	*
Ensilage cutters.....	—	—	6,255,935
Envelopes, made.....	—	—	3,192,777
Envelopes, printed.....	—	—	*
Ethyl acetate.....	—	—	824,888
Evaporators, commercial.....	—	—	*
Eveners.....	—	—	49,035
Excelsior, paper.....	—	—	278,552
Excelsior, wood.....	ton	7,823	251,590
Excelsior pads, wrappers, etc.....	No.	10,363,782	7,654,592
Explosives.....	—	—	3,738,322
Extracts, flavouring (bakers', confectioners' and household, etc.).....	gal.	476,878	1,146,255
Extracts, flavouring, etc., (used for soft drinks).....	"	177,229	
Fabrics, coated and impregnated, not elsewhere specified.....	—	—	4,265,426
Fabrics, rubberized and waterproofed.....	—	—	1,094,800
Fabrics, not specified.....	—	—	989,255
Facial tissue (see Tissue, cleansing)	—	—	*
Facing and parting, laundry.....	—	—	132,022
Fanning mills.....	No.	2,338	522,971
Fans, electric.....	"	30,744	4,738,483
Fasteners, zipper.....	ft.	35,662,731	10,368
Fasteners, zipper, parts.....	—	—	319,451
Fasteners of all kinds, n.e.s.....	—	—	57,203
Fats, n.s.....	lb.	593,639	449,287
Feathers, millinery.....	—	—	56,038,134
Feed, chopped grain.....	ton	1,440,706	89,254
Feed mixers.....	—	—	539,448
Feed, stock, poultry, etc. (see Foods)	—	—	1,110,377
Felt, coated and saturated (fabric).....	—	—	60,709
Felt, cotton.....	—	—	248,040
Felt, hair and jute.....	lb.	317,691	5,415,114
Felt, harness and athletic.....	"	445,787	334,803
Felt, for pulp and paper making.....	—	—	84,625
Felt, padding.....	—	—	452,858
Felt, paper (see Paper)	—	—	2,082,421
Felt, insole.....	—	—	249,285
Felt, shoe and gaiter.....	—	—	6,818
Felt, not specified.....	—	—	1,992,141
Fences, electrical and equipment.....	—	—	286,046
Fences, not specified.....	—	—	412,705
Fencing, wire.....	ton	20,277	*
Fencing, chain link.....	"	1,616	11,114,234
Fencing, snow.....	—	—	17,956,075
Ferric chloride.....	—	—	75,531
Ferro-alloys, (ferro-silicon, ferro-chrome, ferro-manganese, silicon spiegel, etc.).....	ton	144,897	*
Ferro-phosphorous.....	—	—	1,437,796
Fertilizers.....	No.	752	1,436,935
Fertilizer sowers.....	—	—	155,464
Fibre, staple (art. silk).....	—	—	52,087
Files and rasps.....	—	—	250,918
Filing system supplies.....	—	—	573,302
Fillers, non-metallic minerals.....	—	—	
Filling, pie, apple, canned.....	lb.	13,199,677	
Filling, pie, apple, other.....	"	1,666,735	
Filling, pie, other than apple, canned.....	"	401,913	
Filling, pie, other than apple, not canned.....	"	2,128,608	
Filling, pie, powder.....	"	2,279,865	

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Film, motion picture	—	—	*
Films, photographers'	—	—	*
Filters and filter presses	—	—	*
Fire clay	—	—	193,387
Fire extinguishers	ton	4,696	30,607
Fire fighting and fire protection equipment, not elsewhere specified	—	—	1,131,177
Fireplace furnishings	—	—	780,286
Fireworks (see Pyrotechnics)	—	—	489,500
Fish, canned	lb.	178,104,000	39,128,131
Fish, otherwise prepared	—	—	17,182,596
Fish, fresh, marketed for consumption, sold in factories	—	—	38,389,352
Fishing nets	—	—	1,297,887
Fishing tackle	—	—	1,500,261
Fittings, ship	—	—	940,522
Fixtures, lighting, exterior	—	—	956,198
Fixtures, lighting, interior	—	—	9,765,570
Fixtures, lighting, not specified	—	—	847,820
Flags and bunting	—	—	162,409
Flashlights	—	—	388,924
Flatware, electro-silver plated and sterling	—	—	6,023,139
Flax fibre	lb.	1,450,924	688,213
Flax products	—	—	365,137
Floor covering, including oilcloths, etc.	—	—	*
Flooring, hardwood	M ft. b.m.	36,665	4,392,885
Floor tile and joists, steel	—	—	*
Flotation machines (mining and metallurgical)	—	—	*
Flour, barley	ton	1,495	149,595
Flour, buckwheat	lb.	644,550	23,889
Flour, corn	"	5,333,474	186,850
Flour, diabetetic	—	—	*
Flour, potato (see "Starch and flour")	—	—	*
Flour, preparations for sausage fillings	"	5,655,830	363,918
Flour, prepared and self-raising	"	30,547,186	3,017,020
Flour, soya bean	"	5,138,579	355,636
Flour, wheat—	—	—	—
Spring, No. 1 patent	bbl.	6,131,550	37,481,035
Spring, No. 2 patent	"	4,744,357	26,154,819
Spring, No. 3 patent	"	13,727,869	88,484,658
Ontario winter	"	962,022	4,832,441
Low grade flour	"	571,445	2,202,655
All other	"	899,219	4,538,914
Flour, graham or whole wheat	"	140,001	664,175
Flour, rice	—	—	*
Flour, rye	ton	2,954	266,521
Flowers, artificial	—	—	1,244,633
Flue linings	—	—	128,253
Fly pads and paper	—	—	280,291
Fly swatters	—	—	*
Foil of tin, lead and aluminum	—	—	3,420,258
Folding (trade work)	—	—	194,109
Food drinks, liquid	gal.	3,606,362	1,965,455
Food, fox, dog, etc.—	—	—	—
Fox biscuits	ton	1,928	190,501
Dog biscuits	"	1,543	250,073
Canned dog food	"	2,446	687,978
Other dog food	"	7,266	1,280,818
Other fox food	"	10,198	940,092
Rabbit, turtle and other animal food	"	9,000	611,405
Feed, stock	"	618,452	27,949,860
Feed, poultry	"	733,154	38,950,298
Feed, stock and poultry, n.e.s.	"	156,794	7,598,068
Feed, poultry, stock, etc. ingredients	—	—	*
Food mixers	—	—	*
Food, infants, and dietetic	—	—	1,145,591
Food, infants', canned	lb.	18,543,452	3,988,510
Food products, not specified	"	1,397,390	320,973
Foots, vegetable oil	"	2,730,789	81,818
Footwear, leather—	—	—	—
Felt upper—	—	—	—
Babies'	pr.	26,137	33,245
Boys'	"	79,766	110,860
Children's and misses'	"	113,143	91,060

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.
28701—10

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Footwear, leather— <i>Concluded</i>			
Felt upper— <i>Concluded</i>			
Men's.....	pr.	575,385	1,102,410
Youths'.....	"	20,085	29,822
Women's.....	"	430,673	500,148
Leather or fabric upper—			
Babies'.....	"	3,483,540	3,446,364
Boys'.....	"	1,650,039	3,372,540
Children's and Misses'.....	"	4,443,073	6,366,722
Little gents'.....	"	112,459	162,280
Men's.....	"	8,738,465	32,042,460
Youths'.....	"	491,001	870,876
Women's and growing girls'.....	"	15,194,298	38,281,265
Footwear, shoe packs, larrigans, moccasins, etc.	"		
Babies'.....	"	13,404	6,159
Boys'.....	"	81,027	113,415
Children's.....	"	7,846	9,257
Little gents'.....	"	858	984
Men's.....	"	408,663	822,893
Youths'.....	"	10,269	14,650
Women's and growing girls'.....	"	315,339	447,530
Not specified.....	—	—	6,686
Footwear, rubber—			
Knee and hip boots, all rubber.....	pr.	2,525,253	6,020,707
Lumbermen's boots, all rubber.....	"	1,079,107	1,759,174
Lumbermen's boots, leather tops.....	"	292,155	1,461,284
Rubbers, light and heavy, including Jersey storms.....	"	4,500,378	3,224,878
Overshoes and galoshes, all rubber.....	"	1,691,907	2,487,392
Overshoes and galoshes, fabric upper.....	"	2,667,560	5,686,623
Balmorals, rubber soled, fabric tops.....	"	872,647	1,028,975
Oxfords, rubber soled, fabric tops.....	"	3,917,516	3,379,659
Balmorals, rubber soled, leather tops.....	"	235,397	165,095
Oxfords, rubber soled, leather tops.....	"	789,421	826,509
Rubber bottoms for leather tops.....	"	113,953	179,010
Not specified.....	"	1,331	4,214
Forgings, including drop, shell, etc.....	—	—	7,442,308
Forks, farm implements.....	No.	520,309	443,779
Forms, continuous, printed.....	"	—	4,114,073
Fountains, soda.....	—	—	476,582
Frames, spectacle, cases, etc.....	—	—	1,051,247
Freezers, ice cream.....	—	—	*
Fringes, cords and tassels.....	—	—	512,853
Fruit drinks.....	—	—	228,012
Fruit juices, canned (See also "Grape juice").....	lb.	24,490,876	1,818,336
Fruit concentrate (see "Apple and grape concentrate").....	"	—	—
Fruit juices, other.....	"	12,762,504	825,943
Fruit peel, candied.....	"	3,676,068	932,093
Fruit pulp.....	"	611,775	26,507
Fruits, canned—			
Apples, including crab apples.....	"	19,145,638	1,513,943
Apricots.....	"	3,327,001	431,544
Blackberries.....	"	207,640	26,955
Blueberries.....	"	536,962	87,712
Cherries.....	"	5,362,964	791,272
Loganberries.....	"	115,544	13,869
Peaches.....	"	37,200,425	4,701,706
Pears.....	"	13,946,055	1,661,069
Plums.....	"	23,886,387	2,042,455
Raspberries.....	"	611,073	104,173
Rhubarb.....	"	1,699,801	104,677
Strawberries.....	"	290,729	53,234
Other fruits not specified (Grapefruit, pineapple, etc).....	"	2,023,616	467,633
Fruits, evaporated, other than apples.....	—	—	*
Fruits, fountain.....	lb.	3,352,059	1,422,168
Fruits, glaces.....	"	3,351,144	1,036,200
Fruits, for re-processing—SO ₂	"	26,030,602	2,968,145
Fruits, for re-processing other (2+1, 3+1, etc).....	"	6,975,679	1,111,509
Fruits, frozen, not specified.....	—	—	48,944
Fruits, straight frozen, not for re-processing.....	lb.	4,657,828	866,960
Fuel, hog.....	unit	209,881	229,437
Funnels, sheet metal.....	—	—	40,198
Fur dressing and dyeing.....	—	—	5,010,539

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—(Con.)

Items	Unit of Measure	Quantity	Value
			\$
Fur trimmings.....	—	—	1,847,419
Fur, remodelling, etc.....	—	—	5,520,475
Furnaces, electro-metallurgical.....	—	—	457,956
Furnaces, hot air.....	—	—	4,615,150
Furnaces, not specified, and furnace parts.....	—	—	569,745
Furniture—			
Bedroom.....	—	—	17,851,473
Breakfast room.....	—	—	3,673,902
Dining room.....	—	—	3,493,266
Kitchen.....	—	—	2,819,163
Living room.....	—	—	21,422,696
Other household.....	—	—	5,463,221
Chrome.....	—	—	2,173,256
Office, steel and masonite.....	—	—	2,542,368
Office and store furniture and fixtures.....	—	—	6,163,179
Steel and metal, not specified.....	—	—	405,153
Children's.....	—	—	1,742,417
School, lodge, church and theatre.....	—	—	2,267,507
Camp, lawn and verandah.....	—	—	670,014
Wicker, fibre, reed and rattan, not specified.....	—	—	206,228
Furniture, not specified, and other cabinet work.....	—	—	2,832,601
Furniture frames and parts.....	—	—	3,012,972
Fuses and fuse wire.....	—	—	1,506,689
Gaiters, spats and leggings.....	—	—	154,424
Galvanized ware.....	—	—	2,224,265
Games, not specified.....	—	—	961,825
Garage equipment, n.e.s.....	—	—	401,923
Gas made—			
Retort coal gas.....	M cu. ft.	9,744,357	
Coke oven gas.....	"	42,471,460	
Producer gas.....	"	1,337,275	
Water gas.....	"	7,101,932	
Not specified.....	"	118,012	
Gas sold.....	"	22,503,927	20,916,981
Gas used in heating ovens, retorts or gas plants.....	"	18,299,361	2,302,714
Gas used in associated metallurgical work.....	"	18,257,178	1,662,323
Gas, otherwise accounted for, but not sold.....	"	222,902	63,358
Gas, not accounted for.....	"	1,782,056	985,693
Gas, still, from petroleum refineries.....	"	11,511,941	4,489,788
Gas, oil.....	"	53,365	619,829
Gasoline.....	imp. gal.	1,017,620,703	117,836,804
Gates.....	—	—	210,234
Gauges, not specified.....	—	—	1,018,214
Gears, industrial.....	—	—	86,250
Gears, wagon.....	No.	5,376	611,786
Gears, cut tooth and cast tooth.....	—	—	942,453
Generators.....			
Alternating current.....	No.	89	1,221,020
Direct current.....	—	—	386,501
Generators, engine driven.....	—	—	45,664
Generator parts.....	—	—	35,062
Glass, bent.....	—	—	442,059
Glass, bevelled and polished edge.....	—	—	111,552
Glass, chipped or etched.....	—	—	467,857
Glass, cut.....	—	—	*
Glass, fibre.....	—	—	*
Glass, flat sheet and window.....	—	—	172,571
Glass, leaded, including memorial windows.....	—	—	*
Glass, non-shatterable.....	—	—	*
Glass, pressed and blown.....	—	—	15,659,180
Glass vials and chemical glassware.....	—	—	748,921
Glass products, other including windshield glass.....	—	—	1,092,696
Gloves, mittens and gauntlets, fabric—			
Dress—			
Cotton, men's.....	doz. pairs	32,344	54,505
" women's.....	"	26,654	342,279
" children's.....	"	3,415	19,402
Artificial silk and mixtures, all types.....	"	95,721	737,287
Wool.....	"	19,235	127,493
Not specified.....	"	63,184	397,092

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.
28701—10½

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
Gloves, mittens and gauntlets, fabric—Concluded			
Work—			
Cotton, men's.....	doz. pairs	648,582	1,236,753
Cotton, other.....	"	3,676	6,567
Wool.....	"	14,806	74,243
Not specified.....	"	15,053	50,285
Gloves and mittens, knitted, all kinds.....		301,712	2,525,753
Gloves and mittens, leather, dress—			
Men's, lined.....	"	82,374	1,514,749
Men's, unlined.....	"	45,653	939,108
Women's and children's, lined.....	"	60,327	780,570
Women's and children's, unlined.....	"	91,972	1,635,363
Gloves and mittens, leather, work—			
Men's, lined.....	"	72,858	758,859
Men's, unlined.....	"	440,719	3,874,229
Boys', lined.....	"	78,254	569,475
Boys', unlined.....	"	16,115	90,203
Gloves and mittens, leather, and other not specified.....	—	—	258,696
Gloves and mittens, fur and fur-lined.....	pr.	32,342	65,143
Gloves, rubber and rubberized.....	doz.	156,014	497,217
Glucose and dextrose.....	ton	29,578	3,616,658
Glue (bone, hide, fish and vegetable).....	—	—	4,759,659
Glue stock.....	lb.	47,651,961	525,949
Gluten feed.....	ton	29,010	928,576
Glycerine, crude.....	lb	2,021,854	266,346
Glycerine, refined.....	"	10,251,539	1,666,448
Glycerine substitute.....	—	—	*
Goggles, sun.....	—	—	2,591,982
Gold alloys.....	—	—	2,005,727
Gold, fine.....	—	—	*
Gold, leaf.....	—	—	488,892
Golf supplies, including golf bags, sticks, heads, etc.....	—	—	1,331,367
Grains, sold wet and dry (breweries and distilleries).....	ton	147,756	2,883,101
Granite—monuments (See also "Marble monuments, etc.").....	—	—	117,656
Granite, for building purposes.....	—	—	*
Granules, roofing.....	—	—	*
Grape concentrate.....	—	—	1,064,332
Grape juice.....	lb.	7,803,159	30,519
Graphite powder.....	—	—	189,529
Grate bars and grating.....	—	—	123,230
Gravy preparations.....	—	—	1,988,636
Grease.....	lb.	33,826,764	*
Grease, lubricating.....	—	—	1,068,911
Grills and hot plates, electric.....	No.	155,270	605,593
Grinding machines.....	—	—	1,488,987
Grinding balls.....	—	—	*
Guanidine nitrate.....	—	—	147,848
Gums, unvulcanized.....	lb.	493,602	*
Gymnasium supplies, not specified.....	—	—	165,787
Gypsum blocks.....	sq. ft.	46,991	
Hair, animal, raw.....			
lb.....		6,547,678	1,918,310
Hair cloth.....	—	—	188,662
Hair nets.....	—	—	40,416
Hair goods.....	—	—	677,218
Hair wavers, curlers, pads, etc.....	—	—	96,988
Halters, leather.....	No	78,420	*
Hames.....	—	—	13,171
Hammers, forging.....	—	—	6,006
Hammocks.....	No.	273	1,645,718
Handkerchiefs.....	doz.	1,502,627	393,875
Handles, broom and mop.....	No.	10,319,564	1,022,536
Handles, long tool and axe.....	"	4,164,468	594,355
Handles, small tool.....	"	20,351,842	187,519
Handles, n.s.....	—	—	636,742
Hangers, garment.....	—	—	639,552
Hardware, automobile.....	—	—	5,596,822
Hardware, builders.....	—	—	884,102
Hardware, furniture.....	—	—	467,428
Hardware, harness and saddlery.....	—	—	2,427,800
Hardware, pole-line.....	—	—	

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Hardware, not specified.....	—	—	2,167,046
Harness, double.....	set	9,650	493,585
Harness, single.....	"	4,546	155,690
Harness collars.....	No.	106,507	423,285
Harness parts.....	—	—	1,011,612
Harrows.....	—	—	2,165,068
Hassocks.....	—	—	500,792
Hat blocks.....	—	—	43,682
Hats, cotton—	—	—	43,066
Men's.....	doz.	13,686	203,547
Women's and children's.....	"	7,006	92,493
Hats, fur felt—	—	—	—
Men's.....	doz.	160,912	7,749,804
Women's.....	"	49,322	2,501,792
Children's.....	"	2,479	43,682
Not specified.....	"	523	14,945
Hats, wool, felt—	—	—	—
Men's.....	doz.	79,833	1,245,288
Women's.....	"	229,100	4,383,124
Children's.....	"	23,109	274,424
Hats, velour felt, men's and women's.....	"	13,406	340,018
Hats, straw—	—	—	—
Men's.....	doz.	10,972	199,833
Women's.....	"	120,345	2,340,406
Children's.....	"	30,674	139,512
Hats, panama.....	"	3,293	159,230
Hats, silk and crepe, women's.....	"	5,870	173,931
Hats, silk and crepe, children's.....	"	2,050	16,000
Hats, velvet.....	"	1,866	51,038
Hats, wool, women's and children's.....	"	7,034	65,118
Hats, waterproofed.....	"	6,304	51,025
Hats, not specified—	—	—	—
Men's.....	"	27,641	104,317
Women's.....	"	18,100	186,666
Children's.....	"	15,889	82,784
Tams, berets, and turbans.....	doz.	5,634	61,758
Headwear, not specified.....	—	—	1,089,358
Hats, cleaned and reblocked.....	doz.	1,777	16,651
Hat bodies.....	"	461,521	4,317,351
Hatters' supplies, including hat linings.....	—	—	148,383
Hay loaders.....	No.	4,110	452,013
Hay rakes, dump, tedders, etc.....	"	12,134	748,680
Heading, barrel.....	—	—	467,545
Hearing aids.....	—	—	—
Heaters, air, electric.....	No.	61,600	332,083
Heaters, auto and engine.....	—	—	540,809
Heaters, boiler, feed, water.....	—	—	210,580
Heaters, water tank, electric.....	No.	83,427	465,355
Heaters, water tank, gas.....	"	22,396	506,640
Heaters, water tank, cast iron.....	—	—	283,887
Heaters, not specified.....	—	—	323,086
Heaters, electric, unit.....	—	—	1,947,186
Heating and ventilating equipment, not elsewhere specified.....	—	—	3,961,781
Heels, leather and wood.....	pr.	24,784,141	2,073,242
Heels, rubber and composition.....	pr.	25,925,919	1,876,134
Helmets.....	—	—	428,823
Hides, all kinds.....	—	—	12,307,965
Hockey pucks.....	doz.	32,075	27,069
Hockey sticks.....	"	68,742	495,211
Hoes, hand.....	No.	291,357	151,116
Hoists.....	—	—	1,483,314
Holders, cigar and cigarette.....	—	—	553,225
Hollow-ware, sterling silver.....	—	—	55,297
Hollow-ware and spinnings, aluminum, brass and copper.....	—	—	2,371,567
Hollow-ware, electro-silver plated.....	—	—	157,992
Hollow-ware, other.....	lb.	12,185	3,200
Honey butter.....	—	—	91,574
Hooks, eyes, notions, etc. not elsewhere specified.....	—	—	58,395
Hoops, wooden.....	M	2,262	122,302
Hoops, steel.....	—	—	1,754,605
Hoops, bands and strips, hot and cold rolled (sold).....	net ton	17,259	1,754,605
Hooves and horns.....	lb.	1,176,998	46,035

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Horseradish, prepared.....	lb.	371,883	114,432
Horseshoes.....	—	—	436,100
Hose, fire, linen, unlined.....	—	—	*
Hose, rubber.....	—	—	5,737,313
Hosiery—			
Cotton and cotton mixtures—			
Men's Seamless—			
Work socks.....	doz. prs.	210,237	494,951
Fine socks.....	—	371,620	1,034,899
Other (anklets, sports, etc.).....	—	111,084	278,135
Women's Seamless—			
Full length stockings.....	—	443,978	1,221,856
Other (anklet, sports, etc.).....	—	446,657	910,585
Children's Seamless—			
Full length stockings.....	—	258,376	627,154
Golfers.....	—	83,471	235,789
Other.....	—	874,068	1,437,595
Full Fashioned—All Types.....	—	143,493	950,856
Silk and Silk Mixtures, seamless and full fashioned.....	—	3,226	38,010
Rayon and Rayon Mixtures			
Men's seamless.....	—	59,353	230,346
Women's seamless.....	—	401,202	1,440,706
Children's seamless.....	—	17,252	163,187
Full fashioned, all types.....	—	1,268,517	8,698,187
Synthetic Fibres (Nylon, etc.)			
Seamless.....	—	67,136	558,657
Full fashioned.....	—	1,291,316	13,354,057
Wool and Wool Mixtures			
Men's Seamless			
Work socks.....	—	660,827	2,839,034
Fine socks.....	—	878,307	5,436,481
Other.....	—	187,239	914,180
Women's Seamless—			
Full length stockings.....	—	104,595	572,105
Other (anklets, etc.).....	—	143,970	500,180
Children's Seamless—			
Full length stockings.....	—	253,523	985,354
Golfers.....	—	141,993	648,290
Other (half length, anklets etc.).....	—	148,442	388,073
Full fashioned (all types).....	—	51,548	415,884
Hosiery, not specified.....	—	—	515,387
Houses, pre-fabricated.....	—	—	3,018,075
Hydrants.....	—	—	302,019
Hydrogen.....	cu. ft.	71,142,593	237,870
Hydrogen chloride.....	—	—	*
Hydrogen peroxide.....	—	—	*
Ice, artificial.....	ton	761,473	3,638,671
Ice cream (factory).....	gal.	13,953,012	17,244,273
Ice cream mix.....	—	1,111,882	1,243,771
Icings and icing paste.....	lb.	241,183	45,125
Incense.....	lb.	6,728	7,362
Incubators and other poultrymen's supplies.....	—	—	848,515
Infants' wear, not specified.....	—	—	1,896,848
Ingots, brass, bronze, etc. (see "Bars and ingots")			
Ingots, steel and alloy			
Quantity made.....	net ton	2,251,741	
Quantity sold.....	—	42,588	2,312,275
Ink, printing and lithographing.....	lb.	15,891,841	5,221,622
Ink, writing.....	—	949,260	310,230
Ink, not specified.....	—	—	249,404
Insecticides.....	—	—	3,684,345
Instruments, scientific, n.e.s.....	—	—	*
Insulating materials, n.e.s.....	—	—	619,960
Insulators, porcelain and insulator parts.....	—	—	*
Iron, pig—			
Quantity made.....	net ton	1,406,252	
Quantity sold.....	—	320,525	8,087,403
Irons, flat, electric.....	—	—	2,366,369
Ironers, electric.....	—	—	62,403
Iron and steel products, rolled n.e.s.....	—	—	747,960

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Alphabetical List of Products Manufactured in Canada, 1946—(Con.)

Items	Unit of Measure	Quantity	Value
			\$
Irons, gasoline.....	—	—	101,535
Iron work, ornamental and architectural.....	—	—	2,337,625
Ironing boards.....	—	—	94,433
Isobutylene.....	—	—	*
Jacks, auto and other, not specified.....	—	—	765,349
Jams.....	lb.	71,423,911	9,686,913
Jams and jellies, artificial.....	—	—	*
Javelle water.....	—	—	2,281,067
Jellies.....	lb.	2,983,445	414,919
Jersey cloth (see "Knitted fabrics").....	—	—	—
Jewellery.....	—	—	13,532,741
Jigs and fixtures.....	—	—	849,299
Jointers, wood-working.....	—	—	94,122
Jute, jute paddings, and jute yarn.....	—	—	899,631
Kapak.....	—	—	*
Kegs, beer.....	—	—	*
Kegs, fish.....	No.	16,011	26,891
Kegs, nail, etc.....	—	1,256,938	488,522
Kerosene.....	imp. gal.	30,243,394	3,324,840
Kitchen equipment for hotels, cafeterias, etc.....	—	—	1,795,486
Kitchenware, aluminum, including pressure cookers.....	—	—	7,425,183
Kitchenware, other.....	—	—	2,147,721
Knitted fabrics.....	—	—	4,263,492
Knitted goods, miscellaneous.....	—	—	—
Infants' jackets, booties, etc.....	—	—	2,275,336
Knitted goods, n.s.....	—	—	70,999
Knitting, custom.....	—	—	126,836
Knives, machine.....	—	—	789,585
Knives, pocket and army knives.....	—	—	64,111
Knives, bread, paring, etc.....	—	—	216,123
Labels, gummed.....	—	—	*
Labels, fabric.....	—	—	247,288
Laces, corset.....	—	—	35,121
Laces, shoe, silk, cotton, etc.....	—	—	874,843
Laces, shoe, leather.....	doz. pr.	36,497	26,837
Lacquers.....	—	—	4,347,478
Lacrosse sticks.....	—	—	—
Lactose (see "Sugar of milk").....	—	—	330,951
Ladders, step, extension, etc.....	—	—	8,008,737
Lamps, incandescent, except therapeutic (bulbs).....	No.	80,147,943	1,080,062
Lamps, fluorescent (bulbs).....	—	2,018,658	2,403,244
Lamps, table and floor, electric.....	—	—	164,394
Lamps, other.....	—	—	1,685,040
Lamp shades and wire frames.....	—	—	192,723
Lamp stands and lamp bases.....	—	—	1,306,238
Lamps and lanterns, railway, marine, etc.....	—	—	6,755,057
Lard.....	lb.	46,230,527	660,367
Lasts, trees and shoe findings, not elsewhere specified.....	—	—	1,628,779
Lathes, metal-working.....	—	—	—
Lathes, woodworking.....	—	—	467,744
Lath, metal.....	—	—	1,297,745
Lath, gypsum.....	sq. ft.	74,984,596	908,604
Lath, wood.....	—	—	*
Lead acetate.....	—	—	*
Lead naphthenate.....	—	—	2,368,524
Lead, refined.....	—	—	*
Lead, red.....	—	—	*
Lead, white, dry.....	—	—	580,369
Lead, white, in oil.....	lb.	6,674,862	828,941
Lead, sheet.....	"	12,121,639	77,717
Lead products, n.s.....	—	—	—
Lead for pencils.....	—	—	—
Leather—	—	—	—
Belting.....	lb.	716,642	637,622
Bookbinders.....	sq. ft.	52,690	13,414
Bag, garment, pocket-book, trunk, etc.....	sq. ft.	34,015,498	8,240,216

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concern

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Leather—Concluded			
Harness.....	lb.	3,253,911	1,423,146
Lace.....	"	238,279	182,424
Oil tanned, shoepack.....	"	323,502	72,756
Sole.....			
Chrome.....	"	432,686	187,779
Hemlock.....	"	72,399	51,210
Oak.....	"	32,235,404	14,243,419
Splits and other.....	"	22,985	3,908
Upholstering.....	—	—	*
Upper leather—			
Calf skins.....	sq. ft.	17,066,603	7,936,864
Cattle and horse hides.....	"	43,152,842	12,859,362
Chrome splits.....	"	13,337,136	1,970,701
Goat skins.....	—	—	*
Sheep skins.....	sq. ft.	4,067,672	793,900
Wax splits.....	—	—	*
Other leather, not specified.....	—	—	1,158,612
Leather splits, not specified.....	—	—	1,633,001
Leather, not specified.....	—	—	2,049,359
Leather, artificial.....	—	—	1,107,764
Leather goods, not specified.....	—	—	555,873
Lemon butter.....	—	—	*
Lenses, optical.....	—	—	1,976,328
Lifebuoys, jackets, belts, etc.....	—	—	230,520
Lighter fluid.....	—	—	180,169
Lighters, cigarette and parts.....	—	—	1,631,734
Lightning arresters, n.e.s.....	—	—	483,043
Lightning rods and supplies.....	—	—	280,813
Lime, grey acetate.....	—	—	*
Lime, hydrated.....	ton	156,125	1,296,697
Lime, quick.....	"	684,674	5,778,243
Limestone (buildings and monuments).....	—	—	972,417
Line material including overhead trolley.....	—	—	737,551
Linings, brake, asbestos.....	—	—	2,086,675
Linings, glove, shoe, etc.....	—	—	1,080,640
Linings, not specified.....	—	—	416,096
Litharge.....	—	—	*
Lithographing (see Printing).....	—	—	*
Locomotives, new, and tenders.....	—	—	*
Locomotive and car parts.....	—	—	3,583,895
Looms, weaving.....	—	—	*
Lubricating systems.....	—	—	897,739
Lumber, matched.....	M.ft. b.m.	164,190	11,099,577
Lumber, planed.....	"	1,359,376	72,444,879
Lumber, sawn.....	"	4,204,882	186,822,783
Lumber, not specified.....	—	—	893,546
Lye.....	—	—	*
Macaroni and spaghetti, canned.....	lb.	14,935,504	1,218,555
Macaroni, vermicelli, spaghetti, etc.....	ton	39,929	5,053,617
Machinery—			
Accounting machines.....	—	—	2,072,259
Adding and other calculating.....	—	—	1,203,895
Bakers', mixing.....	—	—	422,895
Bakers', not elsewhere specified.....	—	—	277,788
Boring (metal-working).....	—	—	*
Bottlers'.....	—	—	250,632
Canning, and parts.....	—	—	1,830,197
Cheese factory.....	—	—	72,179
Chlorinating.....	—	—	*
Cleaning and pressing.....	—	—	992,003
Coal handling and coal pulverizing.....	—	—	148,244
Concrete and cement-making.....	—	—	1,558,439
Dairy.....	—	—	1,403,966
Conveyors.....	—	—	3,389,482
Elevating and conveying, n.e.s.....	—	—	923,950
Flax mill.....	—	—	*
Flour and grist mill, not elsewhere specified.....	—	—	413,218
Grain grinding, cleaning, etc.....	—	—	805,848

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Machinery— <i>Concluded</i>			
Grain loaders and elevators.....	—	—	767, 143
Hoisting, except mine hoists.....	—	—	3, 393, 796
Kitchen and other household.....	—	—	198, 723
Laundry.....	—	—	1, 574, 733
Leather-working, not elsewhere specified.....	—	—	1, 337, 453
Logging.....	—	—	1, 398, 638
Lumber and shingle drying.....	—	—	*
Metal-working, not elsewhere specified.....	—	—	34, 665
Metering equipment.....	—	—	*
Milking.....	—	—	*
Milling (metal-working).....	—	—	208, 617
Mining and metallurgical, not elsewhere specified, and parts.....	—	—	2, 645, 685
Office, not elsewhere specified.....	—	—	709, 047
Oil refining.....	—	—	149, 964
Plastics.....	—	—	1, 140, 804
Printing.....	—	—	80, 184
Pulp and paper.....	—	—	7, 373, 864
Refrigerating.....	—	—	616, 901
Road and excavating.....	—	—	2, 487, 720
Rolling mill.....	—	—	321, 813
Rubber mill.....	—	—	1, 278, 976
Sawing, band, machine.....	No.	148	73, 733
Saw, and planing mill.....	—	—	2, 321, 344
Sewing.....	—	—	*
Ships, and fittings.....	—	—	3, 767, 437
Stone-working.....	—	—	150, 420
Syrup-making.....	—	—	171, 517
Textile n.e.s.....	—	—	537, 725
Transmission.....	—	—	1, 760, 079
Vulcanizing.....	—	—	*
Washing machines—			
Electric.....	No.	96, 386	7, 083, 844
Hand and other.....	"	18, 804	1, 163, 098
Well-drilling.....	—	—	11, 455
Wood-working n.e.s.....	—	—	1, 222, 111
Other, not specified.....	—	—	6, 647, 975
Machinery parts, not specified.....	—	—	275, 414
Magnesia, fused.....	—	—	*
Magnesium carbonate and stearate.....	—	—	*
Malt, made for sale.....	s. ton	195, 334	12, 503, 838
Malt flour.....	lb.	3, 346, 057	256, 911
Malt extract and syrup.....	"	19, 982, 942	1, 754, 414
Malt coomings and sprouts.....	ton	7, 144	126, 223
Malt, caramel.....	—	—	*
Manganese naphthenate.....	—	—	*
Mantles, lamp.....	No.	5, 692	711, 418
Manure spreaders.....	—	—	*
Maple butter.....	—	—	403, 755
Maps.....	—	—	27, 464
Marble chips and dust.....	—	—	401, 197
Marble monuments (See also "Granite monument, etc.").....	—	—	169, 759
Marble, for building purposes.....	—	—	740, 238
Marine and fishermen's supplies.....	—	—	2, 245, 970
Marmalades.....	lb.	19, 422, 699	*
Match splints and match blocks.....	—	—	*
Matchers (wood-working).....	—	—	3, 440, 665
Matches.....	—	—	*
Mats and matting, cocoa.....	—	—	737, 609
Mats and matting, rubber.....	—	—	12, 681, 333
Mattresses.....	No.	1, 138, 399	*
Mattresses, air and sponge.....	—	—	1, 069, 282
Meal, alfalfa.....	ton	34, 194	1, 750, 372
Meal, barley.....	"	48, 897	*
Meal, cereal grass.....	—	—	*
Meal, oilcake, cocoanut.....	lb.	17, 824, 992	448, 523
Meal, corn.....	lb.	48, 149, 050	1, 478, 619
Meal, fish.....	"	31, 024, 287	904, 444
Meal, meat, hoof, lung, liver, etc.....	—	—	*
Meal, mustard seed and oil cake.....	ton	90, 408	3, 552, 015
Meal, linseed, oilcake.....	—	—	*
Meal, peanut oilcake.....	—	—	*

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
Meal, pea.....	lb.	33,500	\$ 670
Meal, rapeseed oil cake.....	—	—	*
Meal, rice.....	—	—	*
Meal, rye.....	ton	1,021	72,177
Meal, sunflower.....	—	—	*
Meal, soybean.....	—	—	1,968,833
Meat scrap.....	lb.	12,090,205	322,727
Meats, canned—			
Poultry.....	lb.	1,105,002	807,589
Meats, other.....	"	203,760,252	41,095,896
Meats, cooked, all kinds.....	"	48,955,263	14,638,112
Meats, cured—			
Bacon and sides.....	lb.	262,938,397	67,205,365
Beef, salted and cured.....	"	6,369,084	1,370,311
Hams.....	"	41,189,355	13,457,820
Pork, salted.....	"	50,880,298	11,369,127
Shoulders.....	"	36,241,317	10,000,888
Other.....	"	25,441,151	5,802,912
Meats, sold fresh—			
Beef.....	lb.	679,714,649	141,915,371
Fancy meats, not specified.....	"	44,837,983	6,356,990
Horse.....	"	5,346,955	263,660
Mutton and lamb.....	"	44,632,088	10,952,680
Pork.....	"	117,320,159	25,695,268
Veal.....	"	86,534,148	17,993,890
Other.....	"	2,885,734	409,007
Meats, frozen.....	"	101,840,456	19,752,315
Medicinal and pharmaceutical preparations—			
Standard.....	—	—	10,617,459
Specialties registered as patent medicines.....	—	—	10,031,841
Specialties sold with ingredients declared.....	—	—	16,152,933
Vitamins, all kinds.....	—	—	8,376,738
Other.....	—	—	490,432
Metal products, not specified.....	—	—	442,057
Meters, not specified, and meter parts.....	—	—	515,336
Meters, gasoline.....	—	—	167,822
Meters, water.....	—	—	*
Methyl hydrate, crude and refined.....	imp. gal.	410,179	411,228
Mica products.....	—	—	267,323
Milk, sold in dairy factories.....	gal.	131,851,780	61,350,011
Milk, buttermilk, sold.....	—	—	658,016
Milk, buttermilk, condensed.....	lb.	387,234	21,849
Milk, condensed.....	"	31,025,040	4,143,930
Milk, evaporated.....	"	196,209,948	16,234,299
Milk, skim.....	—	—	364,578
Milk, skim condensed.....	"	3,390,119	289,543
Milk, skim evaporated.....	lb.	3,190,739	132,059
Milk products, not specified.....	—	—	20,083
Milk drinks (see Food drinks)	—	—	—
Military and naval equipment, not specified.....	—	—	146,911
Milling cutters.....	—	—	451,596
Mincemeat.....	—	—	701,070
Mine props, wedges, etc.....	lb.	5,314,378	757,101
Mirrors.....	—	—	3,065,377
Modelling clay.....	—	—	*
Molasses.....	—	—	—
Monuments, lettered only.....	lb.	69,646,000	994,266
Monuments, not specified (see also "Granite and Marble monuments, etc.").....	—	—	337,710
Mops.....	—	—	44,905
Floor.....	doz.	139,558	828,773
Dust.....	"	14,949	107,975
Dish.....	"	45,702	45,466
Other, not specified, and parts.....	—	—	232,035
Mosquito netting, bars, etc.....	—	—	*
Motors, electric, A.C. and D.C. (except starting motors).....	No.	847,154	17,580,249
Motors, other, and parts.....	—	—	1,014,218
Moulders, wood-working.....	—	—	*
Mouldings.....	—	—	3,749,989
Moulds for bakelite and rubber.....	—	—	152,093
Mounting (trade work).....	—	—	708,582
Mowers, hay.....	No.	21,957	2,643,489
Mowers, lawn.....	—	—	916,255

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Mucilage.....	—	—	94,806
Muffs, fur.....	No.	27,601	249,372
Muff beds and cloth muffs.....	doz.	3,811	98,107
Munitions and other war supplies.....	—	—	11,103,695
Music, printed.....	—	—	79,036
Musical instruments, and parts, not elsewhere specified.....	—	—	299,697
Mustard, dry.....	lb.	618,668	110,140
Mustard, prepared.....	gal.	968,528	1,061,270
Mustard compound.....	lb.	198,659	24,776
Nails, and spikes, cut from plate—			
Quantity made.....	keg.	18,720	
Quantity sold.....	"	19,549	157,710
Nails, tacks and brads, wire—			
Quantity made.....	keg	1,176,656	
Quantity sold.....	"	1,210,754	5,338,431
Nails, horseshoe and other, n.e.s.....	—	—	309,361
Napkins, paper.....	—	—	943,499
Napththa V.M. and P. or solvent.....	imp. gal.	25,975,231	3,566,555
Neckties.....	doz.	936,346	6,875,237
Neckwear, women's.....	"	99,763	748,050
Neck pieces, fur.....	No.	34,452	1,272,074
Needles, knitting machine.....	—	—	*
Needles, knitting and other.....	—	—	700,300
Nets and nettings.....	—	—	*
Nickel salts.....	—	—	*
Nickel-silver, not elsewhere specified.....	—	—	306,469
Night dresses—			
Cotton and flannelette.....	doz.	81,196	868,984
Silk and artificial silk.....	"	71,740	1,586,000
Night dresses, knitted and other n.s.....	"	11,141	247,301
Nightshirts.....	"	2,996	38,534
Nitrobenzol.....	—	—	*
Nitrogen.....	—	—	*
Nitrous oxide.....	—	—	*
Non-ferrous alloys, not elsewhere specified.....	lb.	110,410	50,478
Novelties, advertising and other, not specified.....	—	—	1,790,899
Novelties, printed.....	—	—	661,922
Nuts, salted, etc.....	lb.	2,708,373	2,847,096
Oars and paddles.....	—	—	154,549
Oats, rolled.....	ton	117,355	10,229,268
Oatmeal.....	"	26,197	1,566,509
Offal, not specified.....	"	145,948	3,517,257
Oil burners and parts.....	—	—	7,556,635
Oilcloth, other than floor.....	—	—	*
Oil, aniline.....	—	—	*
Oil, cocanaut, crude and processed.....	ton	26,347	4,387,035
Oil, core.....	—	—	370,565
Oil, corn, crude.....	—	—	*
Oil, corn, refined.....	—	—	*
Oil, cottonseed.....	lb.	1,189,618	197,962
Oil, creosote and other.....	imp. gal.	10,666,289	1,754,819
Oil, engine and tractor distillate.....	"	37,576,831	4,009,410
Oils, fish (vitamin).....	lb.	3,508,755	2,216,391
Oils, fish, industrial.....	"	14,900,204	1,744,737
Oil, fish, other.....	—	—	*
Oil, fuel, diesel.....	imp. gal.	129,966,174	7,774,951
Oil, gas and light fuel oil—			
For own use.....	"	69,830	4,327
For sale.....	"	189,547,916	11,928,836
Oil, residual fuel—			
For own use.....	"	107,126,092	5,077,023
For sale.....	"	538,391,794	27,661,201
Oil, fusel (sold).....	—	—	69,444
Oil, lard.....	lb.	1,903,114	283,175
Oil, linseed, boiled.....	gal.	1,144,209	913,795
Oil, linseed, raw.....	"	6,704,525	5,210,902
Oil, linseed, special.....	—	—	4,251,974

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Oil, lubricating.....	—	—	15,178,867
Oil, neatsfoot.....	lb.	1,097,443	203,997
Oil, oleo.....	"	2,019,009	225,309
Oil, peanut, processed.....	ton	8,680	3,135,225
Oil, soybean.....	"	9,809	2,910,999
Oil, light, n.e.s.....	imp. gal.	1,098,467	226,105
Oil, rape seed.....	—	—	*
Oil, silk.....	—	—	*
Oil, stand, blown, enamel, etc.....	imp. gal.	160,074	128,841
Oil, stove.....	"	88,221,556	5,968,564
Oils, sulphonated, textile oils, and other textile chemicals.....	—	—	1,374,309
Oil, sunflower seed.....	ton	2,183	945,624
Oils, vegetable, n.e.s.....	lb.	3,250,796	821,754
Oils, other, not specified.....	—	—	1,797,932
Oleo stock.....	lb.	1,460,118	167,214
Olives, bottled, etc.....	gal.	422,835	2,230,345
Organs, pipe.....	No.	51	231,931
Organs, other, and parts.....	—	—	615,206
Ornaments, not specified.....	—	—	251,596
Ovens, commercial, cooking.....	—	—	502,662
Ovens, industrial.....	—	—	*
Overalls—			
Men's and boys'.....	doz.	306,659	6,311,773
Children's.....	"	190,889	1,807,280
Not specified.....	"	4,512	77,819
Overall coats, smocks, dusters, etc.....	"	65,897	1,470,371
Oxygen.....	cu. ft.	476,822,719	3,973,866
Packing, asbestos.....	—	—	209,968
Packing, rubber.....	lb.	1,031,925	243,007
Packing, not specified.....	—	—	66,707
Pads, couch.....	No.	14,599	103,692
Pads, electric, heating.....	"	62,505	225,608
Pads, stamp.....	—	—	50,384
Pads, stair.....	—	—	*
Pads, sweat.....	—	—	142,291
Pads and padding, not specified.....	—	—	539,243
Pails, paper.....	No.	18,319,646	219,245
Pails and tubs, wooden.....	—	—	245,689
Painting equipment, not specified.....	—	—	*
Paint, varnish and enamel removers.....	—	—	278,706
Paints, mixed, ready for use.....	imp. gal.	9,687,254	25,226,843
Paints, cold water.....	lb.	18,264,677	1,516,601
Paints, water colour.....	—	—	*
Paints, paste.....	lb.	8,127,248	1,148,195
Paints, varnishes and cements, coal tar.....	—	—	*
Paints and enamels, not specified.....	—	—	370,503
Panel boards and cabinets.....	—	—	1,221,325
Pants, breeches, etc.—			
Fine pants, men's and youths'—			
Woollen.....	No.	1,641,790	7,970,693
Other.....	"	463,289	1,211,464
Fine pants, boys'—			
Woollen.....	"	516,325	1,333,462
Other.....	"	344,505	619,463
Work pants, men's and youths'—			
Woollen and mixtures.....	"	1,158,012	4,435,966
Cotton.....	"	2,612,400	4,860,614
Work pants, boys'—			
Woollen and mixtures.....	"	175,932	398,016
Cotton.....	"	251,076	288,697
Work pants, not specified.....	"	13,008	27,823
Breeches, men's and youths'—			
Woollen and mixtures.....	"	236,256	789,167
Cotton.....	"	168,192	301,324
Breeches, boys'—			
Woollen and mixtures.....	"	234,108	487,477
Cotton.....	"	66,696	116,241
Pants, not specified—			
Men's and youths'.....	"	5,448	21,008
Boys.....	"	354,564	233,647
Not specified.....	—	—	134,787

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pants, baby, rubber.....	doz.	114,185	318,929
Pants, rubberized and oiled.....	doz.	3,381	107,998
Paper—			
Adding machine and cash register.....	roll	2,438,777	156,811
Asbestos.....	—	—	*
Blotting, clay coated and enamelled.....	—	—	*
Blue print and photostat.....	—	—	576,664
Book.....	s. ton	67,508	9,811,813
Box cover, coloured.....	—	—	*
Writing pads, tablets, etc.....	—	—	889,006
Building and roofing paper—			
Asphalt saturated rag, and asbestos felt shingles.....	sq.	1,982,327	10,822,894
Mineral surfaced rag, and asbestos felt roofing.....	—	1,450,734	3,820,828
Smooth surfaced rag, and asbestos felt roll roofing.....	sq.	1,567,059	2,670,327
Tar and asphalt saturated rag, and asbestos felts, not coated.....	ton	38,760	2,423,022
Tar and asphalt saturated and coated sheathings.....	"	14,461	1,132,017
Other felts and sheathings.....	ton	700	63,358
Building papers.....	"	71,081	4,684,693
Insulated brick siding.....	—	—	*
Carbon.....	ream	119,797	1,587,012
Cellophane.....	—	—	*
Cigarette tubes and paper.....	—	—	*
Coated paper, other, n.e.s.....	—	—	2,560,562
Corrugated.....	—	—	*
Creped or crinkled.....	lb.	1,586,911	391,650
Fabric.....	—	—	*
Fine.....	s. ton	79,370	16,059,353
Foolscap, not elsewhere specified.....	—	—	115,966
Friction or flint glazed.....	—	—	*
Gummed (in sheets).....	—	—	*
Special industrial.....	s. ton	8,832	1,440,488
Lining, pan, shelf, etc.....	—	—	312,183
Parchment, vegetable.....	—	—	*
Oiled.....	lb.	1,311,655	147,987
Paper napkins and doilies (see "Napkins" and "Doilies").....	—	—	*
Newsprint paper—			
In sheets, for printing.....	s. ton	88,543	6,898,508
In rolls, for printing.....	"	4,055,434	273,066,143
Side runs for pulping.....	"	17,893	823,579
Counter rolls.....	—	—	*
Other.....	—	—	*
Printing and specialty paper, groundwood.....	s. ton	42,440	4,123,990
Safety paper, for cheques, etc.....	—	—	458,674
Sanitary.....	s. ton	39,082	4,949,824
Tissue, converted.....	—	—	635,022
Tissue, other than sanitary (basic stock).....	s. ton	17,635	4,065,716
Toilet, converted.....	cases	848,765	4,156,514
Towels, paper (see "Towels").....	—	—	*
Typewriter, not elsewhere specified.....	ream	164,515	118,236
Wall paper.....	—	—	*
Waterproofed, other than waxed, n.e.s.....	lb.	15,812,294	1,190,781
Waxed, all kinds, including bread wrappers, etc.....	"	51,419,692	7,220,468
Wrapping paper—			
Kraft, basic stock.....	s. ton	131,126	14,569,121
Sulphite.....	"	17,531	2,793,388
Miscellaneous furnishes.....	"	19,137	1,862,148
Wrapping, special.....	"	7,575	1,572,413
Paper, miscellaneous, not elsewhere specified, converted.....	—	—	428,689
Paper goods, including papeteries.....	—	—	1,092,018
Paper board—			
Box board.....	s. ton	351,426	24,594,753
Building, rigid insulating.....	"	72,233	6,274,449
Building, other.....	"	25,333	3,815,682
Container chips.....	"	6,480	267,541
Corrugating board.....	"	90,347	6,285,008
Liners.....	"	167,786	12,465,659
Mounting board.....	—	—	*
Clay coated and enamelled.....	—	—	1,808,367
Coated, other, not specified.....	—	—	*
Silicated.....	—	—	*

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Paper board— <i>Concluded</i>			
Wallboard and building board, n.e.s.	—	—	239, 679
All other board and paper, not specified.	—	—	1, 513, 167
Parachute and parachute equipment.	—	—	82, 399
Paraldehyde.	—	—	*
Paste, adhesive.	—	—	442, 205
Paste, fish, meat and chicken.	lb.	5, 233, 399	1, 807, 291
Paste, flavouring.	—	46, 991	19, 431
Paste, tooth (see "Dentifrices").	—	—	—
Patterns and models, foundry and other, wood and metal.	—	—	1, 789, 176
Patterns, paper.	—	—	948, 802
Patterns, shoe.	—	—	*
Peanut butter.	lb.	10, 502, 946	1, 900, 624
Peanuts, roasted and salted (for sale).	—	19, 993, 469	6, 995, 251
Peas, split.	"	3, 642, 946	293, 231
Peavies, cant hooks and pike poles.	—	—	352, 294
Pectin, (see also "Apple juice concentrate").	—	—	*
Pencils, ordinary lead.	gr.	556, 851	1, 819, 030
Pencils, adjustable lead.	"	13, 806	1, 459, 176
Penicillin.	units	872,640,275,000	6, 030, 987
Pennants.	—	—	58, 297
Pens, fountain.	—	—	—
Pen parts, pen holders and nibs.	doz.	252, 920	5, 896, 102
Pentacol acetate.	—	—	282, 836
Perchloroethylene.	—	—	*
Perfumes.	—	—	*
Periodicals, printed by publishers—			1, 726, 276
Newspapers, daily—			
Gross revenue from advertising.	—	—	39, 364, 659
Subscriptions and sales.	—	—	21, 746, 974
Newspapers, weekly and other—			
Gross revenue from advertising.	—	—	8, 234, 724
Subscriptions and sales.	—	—	6, 440, 087
Magazines and other bound periodicals—			
Gross revenue from advertising.	—	—	8, 677, 590
Subscriptions and sales.	—	—	4, 615, 715
Phenol.	—	—	*
Phenothiazine.	—	—	*
Phonograph records.	—	—	*
Phonographs, electrically operated.	No.	26, 037	654, 663
Phosphorous.	—	—	*
Photo-engraving.	—	—	5, 315, 705
Photographic materials, not elsewhere specified (including photo paper).	—	—	—
Photography (commercial).	—	—	1, 872, 647
Phthalic anhydride.	—	—	415, 532
Pianos—			
Grand.	No.	37	22, 109
Upright.	"	3, 417	908, 379
Pianos in process of manufacture.	"	1, 148	84, 562
Piano strings and other parts.	—	—	79, 029
Pickets.	M	16, 211	366, 909
Pickles, relishes and sauces (see also "Tomato catsup").	—	—	6, 550, 634
Pictures, framed.	—	—	501, 489
Picture and mirror frames.	—	—	669, 741
Pies, cakes and pastry.	—	—	50, 823, 914
Pies, meat.	—	—	521, 107
Piling, sheet.	—	—	*
Pillow cases, bureau runners, scarves, etc.	—	—	836, 289
Pillows.	—	—	1, 271, 870
Pins, plain and hair pins.	—	—	942, 525
Pipe and fittings, brass, bronze and copper.	ton	327	109, 914
Pipe and fittings, cast iron, soil.	"	25, 156	2, 828, 288
Pipe and fittings, cast iron, other.	—	—	6, 614, 585
Pipe, lead.	lb.	10, 051, 620	899, 950
Pipe and fittings, malleable iron.	—	—	3, 877, 051
Pipe, sewer, clay.	—	—	1, 702, 428
Pipe, sewer and culvert, cement.	—	—	2, 089, 717
Pipe, culvert, n.e.s.	—	—	1, 655, 808
Pipe, steel, rivetted and welded.	ton	5, 051	529, 409
Pipe and fittings, steel, n.e.s.	—	—	12, 790, 883
Pipe and tubing, copper.	lb.	4,701,382	1, 138, 266

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Pipes, furnace and stove.....	—	—	1,464,451
Pipes, wooden.....	—	—	*
Pipes, wrought iron and fittings.....	—	—	599,939
Pipes, other.....	—	—	31,243
Pipes, tobacco.....	—	—	213,777
Pipe mouth-pieces.....	—	—	*
Pipe (tobacco) cleaners.....	—	—	*
Piston rings, automobile.....	No.	23,256,674	2,609,565
Pistons, automobile, and piston ring expanders.....	—	—	1,064,682
Pitch.....	ton	85,018	1,511,706
Planers, metal-working.....	—	—	*
Planing, custom.....	M.ft. b.m.	596,803	2,730,247
Planters, corn.....	—	—	*
Planters, potato.....	No.	384	61,443
Plastics, moulded (see "Synthetics").....	—	—	4,511,480
Plate and tank work, steel, miscellaneous.....	—	—	4,209,145
Plates, sheets and strips, brass, copper, etc.....	lb.	19,713,049	36,760
Plates, brass, engraved.....	—	—	0,480,384
Plates, flats, iron and steel.....	—	—	822,204
Plates, metal, license, name, etc.....	—	—	194,050
Plates and spoons, paper.....	M	65,940	54,232
Plating and galvanizing salts.....	lb.	565,163	935,642
Platinum, refined, and other platinum products.....	—	—	49,349
Play ground, track and field equipment.....	—	—	77,484
Play yards.....	—	—	4,865,779
Ploughs and parts.....	—	—	596,890
Ploughs, snow.....	—	—	112,758
Plugs, wooden.....	—	—	6,162,456
Plumbers' supplies, not elsewhere specified (brass, copper, etc.)..	—	—	19,044,015
Plywood.....	M sq. ft.	325,355	202,151
Poison, gopher and rat.....	—	—	413,218
Polish, furniture.....	—	—	157,737
Polish, metal.....	—	—	874,005
Polish, shoe.....	—	—	72,900
Polish, stove.....	—	—	5,865,881
Polishes and waxes, floor.....	—	—	176,794
Polishes and dressings, automobile.....	—	—	38,585
Polishes and dressings, leather.....	—	—	68,498
Polishes and dressings, not specified.....	—	—	249,392
Polishers, floor, electric and other.....	—	—	18,046
Polishing mitts and cloths.....	—	—	1,290,322
Popcorn.....	lb.	3,289,894	*
Polymer feed stocks.....	—	—	506,312
Post-cards, printed.....	ton	3,310	259,684
Posts, steel.....	—	—	23,311
Posts, other.....	—	—	925,187
Potassium chlorate.....	lb.	2,407,368	9,906
Potato chips (factory made).....	—	—	442,727
Pot holders.....	—	—	1,195,478
Pot scourers.....	—	—	*
Pottery, glazed and en glazed.....	—	—	*
Pottery from imported clay.....	—	—	*
Poultry, canned (see "Meats canned").....	—	—	*
Poultry, sold fresh.....	lb.	19,921,191	6,481,910
Powder, baking.....	"	12,368,000	2,236,175
Powder, buttermilk.....	"	4,594,560	403,517
Powder, cream.....	"	15,820	7,668
Powder, custard.....	"	1,993,522	456,465
Powder, egg.....	"	9,508,682	9,969,039
Powder, ice cream.....	"	370,198	166,654
Powder, jelly.....	"	4,847,022	1,255,483
Powder, lactogen.....	"	797,213	451,496
Powder, whole milk.....	"	14,057,299	5,214,705
Powder, evaporated milk.....	"	856,580	61,565
Powder, malted milk.....	"	1,261,502	383,223
Powder, skim milk.....	"	42,176,265	4,877,287
Powder, protein.....	"	5,986,068	1,352,294
Powder, pudding.....	"	1,644,211	765,178
Powders, edible, not specified.....	"	2,976,463	1,187,862
Powder, bronze and aluminum.....	—	—	105,127
Powder, sachet.....	—	—	2,452,051
Powder, talcum and face.....	—	—	*

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
Press cloths.....	—	—	25,053
Presses, tennis and badminton racquet.....	No.	43,358	18,858
Presses, hydraulic, and other power.....	—	—	1,400,410
Printing—			
Circular letters.....	—	—	814,971
General, for trade.....	—	—	382,373
Custom printing (paper supplied by customer).....	—	—	1,664,192
Private and personal.....	—	—	1,108,122
Blue prints and photostats.....	—	—	938,122
Periodicals printed for publishers.....	—	—	11,644,229
Other printed matter: menus, statements, bank notes, programmes, etc. (See also "Advertising matter").....	—	—	8,070,571
Printing and painting on textile fabrics.....	—	—	2,134,727
Propane.....	gal.	3,291,464	248,489
Propellers and shafts.....	—	—	*
Publications, subscriptions and sales (see "Printing" and "Periodicals").....	—	—	*
Puddings.....	—	—	138,765
Puffs, powder.....	—	—	325,658
Pulleys, wood.....	—	—	184,561
Pulpers and slicers.....	—	—	*
Pulp, fruit (see "Fruit pulp").....	—	—	*
Pulpstones, artificial.....	—	—	*
Pulpwood.....	cord	651,233	13,979,926
Pulp chips.....	units	85,785	430,613
Pulp, wood—			
Ground wood—			
Quantity made.....	s. ton	3,997,848	
Quantity sold.....	"	285,524	13,902,020
Sulphate—			
Quantity made.....	"	562,233	
Quantity sold.....	"	243,975	19,667,340
Sulphite, bleached—			
Quantity made.....	"	616,797	
Quantity sold.....	"	556,125	54,142,173
Sulphite, unbleached—			
Quantity made.....	"	1,213,220	
Quantity sold.....	"	512,824	39,334,988
Screenings—			
Quantity made.....	"	135,153	
Quantity sold.....	"	65,688	1,437,246
Other—			
Quantity made.....	"	90,159	
Quantity sold.....	"	29,307	2,258,491
Pumps, centrifugal.....	—	—	2,934,141
Pumps, hand.....	No.	19,533	388,147
Pumps, steam.....	"	2,022	613,769
Pumps, other power.....	—	—	450,866
Pumps, pumping systems for country homes.....	—	—	1,659,589
Pumps, gasoline handling.....	—	—	2,566,472
Pumps, not specified, and pump parts.....	—	—	2,397,781
Punching machines.....	—	—	*
Purses, pocket-books and folders.....	No.	2,789,192	1,404,927
Putty and fillers, n.e.s.....	lb.	12,156,658	521,689
Pyjamas—			
Cotton and flannelette.....	doz.	305,085	4,438,596
Silk and artificial silk mixtures.....	"	25,839	696,236
Not specified.....	"	16,367	331,055
Pyrometers.....	—	—	*
Pyrotechnics and fireworks.....	—	—	*
Quilted goods.....	—	—	364,266
Racquets, tennis, badminton and squash.....	No.	64,132	243,693
Radar equipment (see Radio communication equipment).....	—	—	2,349,745
Radiators, automobile.....	—	—	270,023
Radiator and boiler compounds.....	—	—	795,995
Radiators, heating, concealed type.....	sq. ft.	2,182,306	2,639,539
Radiators, heating, standing type.....	"	7,465,692	232,573
Radiators, not specified.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Radio communication equipment.....	—	—	*
Radio sets, tubes and accessories.....	—	—	6,750,778
Rail anchors.....	—	—	26,037,496
Rails, iron or steel—			*
Quantity made.....	net ton	206,374	*
Quantity sold.....	"	210,020	10,716,361
Railway frogs, switches and other track equipment.....	—	—	4,698,651
Railway car and coach fittings, bearings, etc.....	—	—	*
Railway equipment n.e.s.....	—	—	*
Rakes, hand.....	—	—	690,621
Razor blades.....	—	—	144,579
Razors, safety, electric and other, and parts.....	—	—	*
Razor straps.....	—	—	2,219,935
Reapers.....	—	—	*
Recorders, time.....	No.	3,551	307,913
Record players—electrically operated.....	"	98,053	1,337,261
Rectifiers for storage battery charging, and parts.....	—	—	286,086
Reels, wire rope.....	—	—	*
Refractories—			*
Cement, high temperature.....	lb.	8,533,325	336,407
Firebrick from domestic clay.....	—	—	428,279
Firebrick from imported clay.....	ton	23,645	875,025
Other.....	—	—	1,503,667
Refrigerators—			*
Electric.....	No.	48,897	8,421,592
Electric, condensing units.....	—	—	1,172,396
Other.....	—	—	2,785,842
Refrigerator parts, not specified.....	—	—	241,149
Regalia, all kinds.....	—	—	*
Registers, cash.....	—	—	*
Registers and grills, air.....	—	—	495,558
Regulators, not specified.....	—	—	*
Remedies, stock and poultry.....	—	—	1,475,750
Rennet extract.....	—	—	154,413
Repair gums and fabrics.....	lb.	405,167	333,882
Repair kits.....	No.	415,384	46,923
Repair patches, tire and tube.....	"	3,460,256	626,239
Resin film and resin film products.....	—	—	*
Ribbons.....	—	—	*
Rice, cleaned, etc.....	—	—	*
Rifles.....	—	—	*
Rings, fruit jar, rubber.....	lb.	790,942	447,826
Rings, fruit jar, zinc.....	—	—	*
Robes, carriage and automobile.....	—	—	26,718
Rockwool.....	—	—	4,159,933
Rods and bars, bronze, and brass.....	lb.	12,623,553	2,186,348
Rods, copper wire.....	"	122,387,244	15,916,489
Rods, iron and steel, wire—			*
Quantity made.....	net ton	210,548	*
Quantity sold.....	"	82,006	3,670,356
Roll covering, rubber.....	lb.	106,031	204,694
Rollers, land and land packers.....	No.	2,336	124,449
Rollers, printers.....	lb.	615,220	345,765
Rolls, rubber covered.....	No.	315,335	468,951
Rolls, bending and straightening (metal-working).....	—	—	*
Roofing preparations, n.e.s.....	—	—	620,258
Rope—			*
Manilla.....	lb.	2,095,623	450,596
Sisal.....	"	15,554,508	2,635,976
Jute and hemp.....	"	443,621	145,624
All other.....	"	216,223	124,905
Rubber, reclaimed.....	—	—	*
Rubber and rubber goods, hard.....	lb.	336,869	233,728
Rubber coverings, linings, etc.....	—	291,272	360,246
Rubber goods, moulded.....	"	1,483,433	975,546
Rubber goods, plumbers.....	—	—	385,439
Rubber goods, sanitary, not elsewhere specified.....	doz.	956,880	277,022
Rubber goods, soft and sponge.....	lb.	497,962	300,050
Rubber automotive and aeroplane parts.....	"	2,270,348	898,658
Rubber goods, not specified.....	—	—	1,046,877
Rubber thread.....	lb.	920,709	889,553
Rubber, synthetic.....	—	—	*

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Rugs, automobile.....	No.	69,590	287,911
Rules, steel.....	—	—	*
Rules, wooden.....	—	—	219,783
Ruling (printing plants).....	—	—	389,046
Rust preventives and removers.....	—	—	93,701
Saddles.....	No.	2,262	70,062
Saddle parts.....	—	—	22,175
Safes, vaults and fittings.....	—	—	1,375,944
Sails.....	—	—	66,669
Salt.....	—	—	4,480,839
Salt, curing.....	lb.	1,699,504	195,206
Sanders, (wood-working).....	No.	12	28,732
Sandwich relish and spread.....	lb.	2,232,270	750,343
Sanitary ware.....	—	—	5,873,057
Sash, doors and millwork.....	—	—	31,341,439
Sash, steel, brass, etc.....	—	—	1,317,401
Satin white.....	—	—	*
Sauces, catsups and relishes (see "Tomato catsup" and "Pickles, sauces, etc.").....	—	—	—
Sauerkraut—			
Canned.....	lb.	3,534,892	192,176
Other.....	"	958,564	62,108
Sausage casings.....	—	—	3,768,676
Sausage, fresh or cured.....	lb.	124,992,807	26,997,135
Sawdust and waste, sold.....	—	—	1,293,790
Sawing, lumber, custom.....	—	—	283,451
Saws, all kinds.....	—	—	5,304,344
Saw parts and saw benches.....	—	—	1,746,589
Scales.....	No.	19,699	2,225,618
Scarves.....	doz.	272,971	3,466,639
School supplies, not specified.....	—	—	89,922
Scientific equipment, not specified.....	—	—	917,166
Scissors and shears.....	—	—	*
Scrap, aluminum.....	lb.	2,904,140	341,374
Scrap, brass, bronze and copper.....	"	2,503,026	201,352
Scrap, iron and steel.....	ton	9,191	129,437
Screenings, barley, etc.....	—	—	837,413
Screens, door and window.....	—	—	118,104
Screen, industrial.....	—	—	199,460
Screws and screw machine products.....	—	—	7,593,884
Scufflers.....	No.	20,860	275,971
Scythes and snaths.....	—	—	167,369
Seals.....	—	—	199,522
Seasoning, dry and liquid.....	—	—	579,085
Seed boxes for one-way discs, etc.....	No.	4,569	250,086
Shades, window, shade cloth, and fittings—			
Ordinary shades and blinds.....	—	—	1,460,461
Venetian blinds.....	—	—	2,281,438
Shade cloth, rollers, etc.....	—	—	491,346
Shanks, shoe.....	—	—	238,212
Shapers, wood-working.....	No.	271	32,778
Shapers, metal-working.....	"	187	239,782
Sharpeners, pencil.....	—	—	*
Sharpening stones and files.....	—	—	*
Shawls.....	—	—	*
Shearing machines, metal-working.....	—	—	120,143
Sheet forms, commercial, etc., printed.....	—	—	19,365,778
Sheets and sheeting, cotton.....	—	—	3,594,119
Sheets, crib, rubber and rubberized.....	doz.	25,899	111,813
Sheets, rubber, other.....	—	—	9,223
Sheeting, rubber, all kinds.....	sq. yd.	120,925	73,332
Sheet ironware, not elsewhere specified.....	—	—	*
Sheet metal building materials, not elsewhere specified.....	—	—	1,155,075
Sheet metal products, n.e.s.....	—	—	1,230,979
Sheets, aluminum.....	—	—	*
Sheets, iron and steel.....	—	—	17,786,185
Sheets, tin mill, black plate, galvanized, etc.....	—	—	8,081,291
Sheets, n.e.s. (corrugated only).....	—	—	804,255
Shields, dress.....	—	—	202,950
Shims, railroad and other.....	—	—	176,261
Shingle bands.....	—	—	76,604

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Alphabetical List of Products Manufactured in Canada, 1946—(Con.)

Items	Unit of Measure	Quantity	Value
			\$
Shingles, asbestos.....	—	—	*
Shingles, wooden.....	sqs.	2,646,313	14,514,489
Shipbuilding and repairs.....	—	—	101,150,554
Shirts, fine—			
Cotton.....	doz.	637,862	10,090,942
Silk and artificial silk.....	—	—	50,440
Shirts, dress.....	"	2,276	40,181
Shirts, work—			
Cotton.....	"	1,611	—
Wool.....	"	395,195	4,703,132
Shirts, not specified.....	"	59,800	1,165,546
Shirts, sport, men's and, youths'.....	"	30,809	570,036
Shirts and blouses, boys.....	"	143,401	3,467,361
Shock absorbers, automobile.....	"	10,175	149,120
Shoddy, mungo and wool extract.....	No.	512,856	1,131,954
Shoe trimmings.....	lb.	5,503,109	1,026,629
Shoe uppers and tops.....	—	—	177,981
Shoos, box.....	pr.	118,551	97,840
Shortening—	M.ft.b.m.	157,261	12,458,385
Containing animal fat and marine oil.....	lb.	84,678,552	12,352,031
Wholly vegetable.....	"	23,301,973	3,418,362
Shortening substitute.....	—	—	*
Shorts and middlings.....	ton	516,444	13,723,775
Shovels, hand.....	—	—	59,207
Shovels, power.....	—	—	*
Shuttlecocks, badminton.....	—	—	*
Signal systems (traffic, fire alarm, etc.).....	—	—	370,035
Signs, electric, gas, neon and other luminous.....	—	—	1,014,935
Signs, metal, etc.....	—	—	2,076,310
Silicon carbide.....	—	—	*
Silicon metal.....	ton	862	215,634
Silico manganese, silico spiegel, etc. (see "Ferro-alloys").....	—	—	*
Silk broad—			
Silk mixtures.....	yd.	33,098	73,176
Artificial silk, continuous filament.....	"	53,662,925	29,144,408
Spun rayon and mixtures.....	"	18,442,510	8,614,666
Other artificial silk and mixtures, continuous filament.....	"	6,056,241	4,720,036
Woven silk goods, not specified.....	"	750,899	428,190
Silk and artificial silk knitted goods, n.e.s.....	—	—	3,061,719
Silos.....	—	—	29,851
Silver alloys.....	—	—	214,547
Silver, fine.....	—	—	1,418,178
Silver, sterling, melted, rolled, etc.....	—	—	2,628,703
Size.....	lb.	14,012,682	758,716
Skates.....	pr.	605,567	872,805
Skewers.....	—	—	*
Skis.....	pr.	162,903	449,513
Ski poles and fittings.....	—	—	606,746
Skins, calf.....	No.	653,595	2,027,114
Skins, sheep.....	"	1,325,745	1,925,739
Skins, pickled.....	doz.	104,783	924,350
Skins, raw and dressed.....	—	—	2,606,674
Skips and cages.....	No.	14	81,475
Skirts—			
Cotton.....	"	166,556	204,158
Artificial silk and mixtures.....	"	655,435	1,446,484
Woollen.....	"	738,106	2,234,879
Other.....	"	28,699	86,761
Slabs and edgings.....	cord	873,434	2,648,771
Sleeve protectors.....	—	—	522,076
Sleighs, horse-drawn, etc.....	—	—	56,081
Sleighs, baby.....	No.	24,465	353,475
Sleighs, children's.....	—	221,229	12,581
Sleighs, dog.....	—	—	*
Slicers, meat and bread.....	—	—	*
Slippers, cloth, carpet, etc.—			
Babies.....	pr.	75,954	45,841
Boys' and youths'.....	"	241,289	184,215
Misses' and children's.....	"	1,105,726	826,915
Men's.....	"	1,178,177	2,007,610
Little gents.....	"	18,124	18,402

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Slippers, cloth, carpet, etc.— <i>Concluded</i>			
Women's and growing girls'.....	pr.	4,111,340	4,987,050
Not specified.....	—	—	156,677
Sliver, roving, etc.....	lb.	475,005	146,119
Smelter and refinery products.....	—	—	304,718,524
Smocks, women's.....	doz.	13,411	316,026
Smoke breeching.....	—	—	70,328
Smoker sets.....	—	—	223,253
Smokestacks, steel.....	—	—	67,666
Snowmobiles and parts.....	—	—	*
Snow removing equipment.....	—	—	*
Snow shoes.....	—	—	*
Soap			
Household, laundry, and chips.....	lb.	43,861,078	4,829,898
Liquid, not specified.....	"	4,646,331	514,461
Polishing or scouring.....	"	275,009	27,771
Powder.....	"	80,616,077	8,018,713
Soft.....	"	2,814,590	216,307
Textile and mill.....	"	4,308,159	434,902
Toilet, bars and liquid.....	"	40,840,264	7,658,667
Shaving, including shaving cream.....	"	1,582,580	1,596,897
Hard, all other.....	"	48,198,199	3,876,127
Soap, not specified.....	"	4,364,295	413,013
Soap stock.....	"	1,572,000	83,803
Sodium azide.....	—	—	*
Sodium carbonate.....	—	—	*
Sodium chlorate.....	—	—	*
Sodium hydroxide.....	lb.	96,665,575	2,166,172
Sodium hypochlorite.....	—	—	*
Sodium metabisulphite.....	—	—	*
Sodium metasilicate.....	—	—	*
Sodium phosphate, disodium and trisodium.....	lb.	10,825,980	482,720
Sodium pyrophosphate.....	—	—	*
Sodium silicate.....	—	—	*
Sodium sulphate.....	—	—	*
Sodium thiosulphite.....	—	—	*
Solder.....	lb.	7,475,951	2,102,508
Soling, rubber—			
Rubber and composition soles.....	pr.	3,250,357	695,650
Rubber and composition half-soles.....	"	1,099,960	182,358
Soling and slabs for heels.....	lb.	2,027,171	463,763
Soles and heel lifts, not elsewhere specified.....	—	—	615,519
Soles, felt, and other (insoles).....	—	—	415,100
Soup, canned.....	lb.	204,668,761	25,092,969
Soup, dehydrated.....	"	347,885	350,136
Soup mixtures.....	"	3,149,350	1,777,493
Soya bean products, n.e.s.....	—	—	*
Spades and shovels.....	No.	939,880	742,976
Spark plugs.....	"	18,324,723	4,701,498
Speed reducer units.....	—	—	876,335
Spice compound.....	lb.	1,130,187	261,390
Spices, mixed, whole or ground.....	—	—	1,466,133
Spikes, railway.....	—	—	835,376
Spikes, ship and drift.....	ton	298	33,027
Spinning and weaving, custom.....	—	—	1,160,208
Spinning wheels.....	No.	2,930	20,478
Spinings, metal, etc.....	—	—	*
Spirits, produced during the year but placed in bond for maturing—			
Whiskey, rye type.....	pr. gal.	3,485,575	2,315,594
Whiskey, scotch type.....	"	2,004,957	1,217,186
Whiskey, other.....	"	4,034,047	2,356,372
Gin.....	"	1,464,915	1,388,343
Brandy and rum.....	"	30,483	57,379
Other beverage spirits.....	"	5,324,332	2,951,994
Spirits, beverage, net sales—			
Whiskey, scotch type.....	"	1,075,213	5,821,290
Whiskey, rye type.....	"	6,916,948	42,009,006
Whiskey, other types.....	"	85,489	400,735
Gin.....	"	1,648,139	8,252,553
Brandy and rum.....	"	170,473	1,193,545
Liqueurs, cordials and cocktails.....	"	38,678	378,169
Other beverage spirits.....	"	1,190,269	1,077,248

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Spools, bobbins and shuttles.....	—	—	1,366,245
Spool wood.....	—	—	*
Sport gloves and mitts.....	—	—	149,560
Sporting goods, not specified.....	—	—	508,230
Sprayers, hand.....	No.	6,973	95,102
Sprayers, power.....	"	494	190,648
Sprayers, not specified.....	—	—	—
Springs, automobile.....	—	—	4,979,194
Springs, bed and upholstering—			
Box.....	—	—	997,426
Coil.....	No.	1,811	15,455
Cable.....	"	177,349	1,165,849
Link.....	—	112,704	877,137
Slat.....	"	193,251	1,624,401
Bed and upholstering, not specified.....	—	—	699,841
Springs for cars and locomotives.....	—	—	1,013,897
Springs, steel wire.....	—	—	*
Springs, other.....	—	—	1,785,585
Squares, hardwood.....	M ft. B.M.	30,701	2,574,402
Stabilizers, ice cream, etc.....	—	—	—
Stains.....	imp. gal.	539,702	982,024
Stampings, metal, not specified.....	—	—	4,380,571
Stamps, rubber.....	—	—	541,940
Stamps, not specified.....	—	—	244,673
Stamps, postage, revenue, etc.....	—	—	753,041
Staples, wire.....	keg	33,607	174,222
Starch, corn, edible.....	—	—	*
Starch, corn, laundry.....	—	—	—
Starch and flour, potato.....	ton	2,326	325,644
Starch, wheat.....	—	—	*
Starch, paper mill, etc.....	—	—	—
Starch, blended.....	—	—	—
Starches—n.e.s.....	—	—	45,116
Stationery goods, not specified.....	—	—	394,823
Statues and art goods.....	—	—	982,941
Staves, barrel.....	M	70,896	1,722,435
Steam traps, etc.....	—	—	330,430
Stearine.....	lb.	744,408	79,346
Steel shapes erected—			
Bridges.....	ton	6,437	1,206,307
Buildings.....	"	95,733	16,582,799
Transmission towers.....	"	11,477	2,062,852
Steel shapes, structural, unfabricated, etc.—			
Quantity made.....	"	131,894	7,697,043
Quantity sold.....	"	131,900	8,234,375
Steel shapes, structural, plain material.....	—	—	—
Steel shapes, structural, fabricated.....	—	—	4,055,123
Steel, miscellaneous.....	—	—	—
Steel wool.....	—	—	657,686
Stellite.....	—	—	—
Stencils, paper (office machine).....	—	—	49,257
Stencils.....	—	—	—
Stockinette (See "Knitted fabric").....	—	—	19,009
Stocking dryers.....	—	—	1,355,420
Stokers, mechanical.....	—	—	657,811
Stoker parts.....	—	—	—
Stone, artificial.....	—	—	24,846
Store fixtures, not specified.....	—	—	—
Stoves—			
Coal and wood.....	No.	271,298	7,905,031
Electric and combination coal and electric.....	"	67,191	6,032,867
Gas and combination coal and gas.....	—	—	3,038,691
Gasoline and oil.....	No.	26,002	1,559,924
Plates, stove and stove parts, etc.....	—	—	1,661,480
Straps, leather.....	doz.	357,284	719,204
Straws, drinking.....	M	734,463	240,609
Strings, racquet.....	—	—	*
Styrene.....	—	—	—
Sugar butter.....	lb.	1,402,412	204,132
Sugar, granulated—			
Beet.....	"	203,932,800	51,117,520
Cane.....	"	625,366,010	—

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
Sugar, brown or yellow.....	lb.	92,319,380	5,065,715
Sugar, grape.....	—	—	*
Sugar, invert.....	lb.	3,430,212	229,225
Sugar, loaf.....	"	11,849,560	926,265
Sugar, maple (factory made).....	—	—	*
Sugar of milk.....	lb.	486,952	121,579
Sugar, pulverized or icing.....	"	26,477,720	1,803,447
Suits—			
Men's and boys'—			
Boys', woollen.....	No.	318,883	2,716,108
Men's and youths', woollen.....	"	1,553,772	34,800,497
Other, men's and boys'.....	"	48,176	310,204
Sport, men's, youths' and boys'.....	"	15,962	64,691
Women's and misses'—			
Cotton.....	"	1,785	22,695
Silk and artificial silk.....	"	17,378	222,112
Woollen.....	"	599,426	10,737,196
Other, not specified.....	"	41,045	792,152
Children's, all kinds.....	"	1,969,344	1,439,800
Knitted, women's and children's.....	"	33,876	230,391
Sulphur monochloride.....	—	—	*
Superheaters.....	No.	611	1,071,820
Superphosphate.....	—	—	*
Surfacers, wood-working.....	—	—	*
Surgical and orthopaedic appliances, and surgical dressings—			
Surgical bandages and dressings.....	—	—	*
Surgical belts.....	doz.	7,916	781,903
Surgical stockings, elastic.....	"	6,551	141,885
Orthopaedic corsets.....	pr.	11,992	33,979
Artificial limbs.....	No.	1,183	197,214
Foot eazers, arch supports, knee caps, etc.....	pr.	8,729	22,334
Trusses.....	No.	113,873	202,096
Other surgical supports.....	—	—	659,269
Surgical and orthopaedic appliances, not specified.....	—	—	1,103,329
Suspenders, supporters, and garters.....	—	—	2,586,621
Swathers.....	No.	1,018	309,836
Sweaters, jackets, etc.....	doz.	937,996	16,898,876
Sweeping compounds.....	—	—	235,259
Swings, baby and other.....	—	—	*
Switch gear and protective equipment (except telephone switch-boards).....	—	—	5,549,539
Switches, enclosed safety type.....	—	—	1,195,280
Synthetic and plastic products, n.e.s.....	—	—	8,007,076
Syringes, fountain, and attachments.....	doz.	40,416	64,027
Syrup, corn.....	—	—	*
Syrup and fruit juices, fountain.....	—	—	1,777,630
Syrup, maple (factory made).....	—	—	*
Syrups, table.....	gal.	47,751	78,496
Syrups from cane, (not including molasses).....	—	—	649,761
Syrups for soft drinks (for sale).....	imp. gal.	1,660,512	2,963,335
Table cloths and napkins.....	—	—	587,975
Tableware, pottery.....	—	—	*
Tacks, cut and wire.....	—	—	754,384
Tags and labels, shipping.....	—	—	10,567,325
Tags and tickets, printed.....	—	—	1,734,220
Tags, not specified.....	—	—	105
Tailors' supplies, not elsewhere specified.....	—	—	3,105,404
Tallow.....	lb.	79,151,000	7,033,961
Tankage, animal, wet (See also, "Cracklings").....	"	22,525,572	506,448
Tanks, steel, storage, black, galvanized, etc.....	—	—	6,208,146
Tanks, pressure, other.....	—	—	403,285
Tanks, steel, pneumatic.....	—	—	443,548
Tanks, steel, septic.....	—	—	171,154
Tanks, other, not specified.....	—	—	1,509,620
Tanners' bate.....	—	—	*
Tape, rubber and friction.....	lb.	1,945,313	739,733
Tape, paper, gummed.....	"	14,431,557	2,003,873
Tape, telegraph.....	—	—	*
Tapes, fabric.....	—	—	867,923
Tapes, measuring, steel, etc.....	—	—	*

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tapestries and other upholstering materials.....	yds.	2,483,566	2,977,329
Tapioca.....	—	—	*
Tar, coal and crude.....	imp. gal.	33,043,844	1,987,375
Tar, refined.....	—	5,234,788	562,172
Tar from petroleum refineries.....	lb.	2,200,800	92,214
Targets, clay.....	—	—	*
Tea, blended, etc.....	lb.	49,076,110	31,964,877
Telephone material.....	—	—	10,745,586
Tenoners and mortisers, wood-working.....	No.	11	11,905
Tents.....	—	—	633,062
Thermit.....	—	—	8,203
Thermometers, all kinds.....	—	—	*
Thickeners, mining and metallurgical.....	—	—	*
Thinners, pyroxylin.....	gal.	1,170,520	1,389,349
Thread, cotton.....	—	—	5,881,923
Thread, artificial silk, linen etc. (See also "Yarn and thread").....	—	—	142,770
Threading machines.....	—	—	53,777
Threshers and reaper-threshers, combined.....	No.	14,308	13,150,990
Ties, wooden.....	—	6,621,334	7,392,231
Tile, asphalt and other, n.s.....	—	—	*
Tile, drain (from domestic clay).....	M.	18,051	677,564
Tile, floor (from domestic clay).....	—	—	50,699
Tile, floor and wall (from imported clay).....	—	—	*
Tile, roofing, and hollow blocks.....	—	—	1,941,913
Tiling, rubber.....	—	—	*
Timbers, mine.....	—	—	4,728
Tin.....	lb.	193,824	119,666
Tinned plate and scrap.....	ton	57,078	4,844,225
Tinsel garlands and ribbons.....	—	—	*
Tinware, japanned or not.....	—	—	662,719
Tire braids, auto.....	ton	1,544	460,252
Tire fabrics.....	lb.	19,835,517	10,139,299
Tires and tubes—	No.	3,100,604	58,044,507
Balloon, casings.....	—	34,388	806,478
High-pressure, casings.....	—	3,266,957	8,437,511
High pressure and balloon inner tubes.....	—	1,149,622	687,758
Bicycle tubes and tires.....	—	—741	27,353
Aeroplane tires.....	—	515	3,337
Aeroplane tubes.....	—	11,264	87,511
Motorcycle tires.....	—	236,866	5,398,237
Tires, implement and tractor, pneumatic.....	—	—	383,608
Tires, rubber, not specified.....	—	—	*
Tires, rebuilt.....	—	—	*
Tires, railway car.....	—	—	*
Tissues, cleansing.....	—	—	*
Toasters, electric.....	—	—	1,145,724
Tobacco—	lb.	217,015	319,983
Chewing, cut and twist.....	—	2,353,533	3,300,599
Chewing, plug.....	—	222,590	139,139
Smoking, leaf.....	—	25,586,170	40,311,341
Smoking, cut.....	—	396,884	600,734
Smoking, plug.....	—	—	*
Smoking, twist.....	lb.	958,040	1,999,881
Snuff.....	—	—	8,789
Stems and cuttings.....	—	—	37,834,249
Tobacco, raw leaf, processed.....	lb.	86,684,588	65,833
Tobacco pouches.....	—	—	111,653
Toboggans.....	No.	39,299	—
Toilet preparations, not elsewhere specified—	—	—	453,706
Bath salts and bath oils.....	—	—	16,334
Brilliantine, solid.....	—	—	1,213,027
Compacts and lipsticks.....	—	—	2,517,649
Creams, solid or liquid, all kinds.....	—	—	1,403,056
Shampoos and hair rinses.....	—	—	1,337,148
Bay rum, hair tonics, liquid brilliantine, etc.....	—	—	4,209,716
Toilet water and lotions.....	—	—	4,398,609
All other.....	—	—	520,873
Toiletware, celluloid and plastic.....	—	—	492,425
Toiletware, silver.....	—	—	—
Toluene.....	lb.	6,049,165	587,661
Tomato catsup, canned.....	—	18,811,472	2,961,477
Tomato catsup, other.....	—	—	—

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Tomato juice.....	lb.	155,791,956	8,352,164
Tomato paste and puree.....	"	36,479,044	3,939,184
Tomato pulp.....	"	9,094,773	470,110
Tools, carpenters' and mechanics', other than files.....	—	—	3,087,078
Tools, machine, n.e.s.....	—	—	3,005,586
Tools, small, cutting.....	—	—	1,598,905
Tools, not elsewhere specified.....	—	—	4,200,195
Toothpicks.....	—	—	*
Toppings, for ice cream and cake.....	—	—	734,270
Tow, green.....	lb.	9,564,488	706,409
Towels and towelling—			
Towelling.....	yd.	3,529,492	664,803
Bath mats and bath sets.....	—	—	442,702
Towels, all kinds.....	doz.	1,417,279	3,390,990
Face cloths.....	"	565,154	367,353
Towels, sanitary, all kinds.....	—	—	4,195,752
Towels, paper.....	cases	448,892	1,255,672
Toys—			
Metal.....	—	—	2,120,467
Wooden.....	—	—	1,665,088
Toy vehicles including doll carriages.....	—	—	630,665
Miscellaneous, not specified, including model aeroplanes.....	—	—	3,717,903
Tractors.....	—	—	539,933
Trade work, n.e.s. (printing plant).....	—	—	1,298,041
Transfers, paper, decalcomania.....	—	—	1,279,030
Transfers, paper, dry.....	—	—	101,345
Transformers.....	—	—	13,529,570
Transformer parts.....	—	—	225,875
Transmission towers, electric (see "Steel shapes").....	—	—	—
Traps and fittings, lead.....	lb.	1,695,524	306,198
Traps, mouse and rat.....	—	—	*
Traps, other.....	—	—	*
Trays, display and other.....	—	—	79,886
Trichlorethylene, refined.....	—	—	*
Trimings, not specified.....	—	—	1,019,438
Trophies.....	—	—	135,783
Trucks, factory, and other hand trucks.....	—	—	715,973
Trucks and bodies, farm.....	—	—	382,586
Trucks, all kinds.....	No.	119,177	788,354
Tubes, collapsible.....	—	—	*
Tubes, vacuum, X-ray tubes.....	—	—	*
Tubing, brass, bronze, and aluminium.....	—	—	1,812,139
Tubing, rubber.....	lb.	301,118	166,043
Tubing, steel.....	—	—	4,390,248
Tubing and wristing, knitted.....	lb.	433,048	478,140
Tubs, laundry, cement.....	No.	17,091	146,805
Turbines and water wheels.....	—	—	2,136,183
Turpentine.....	—	—	*
Twine and cordage—			
Binder twine, all sisal and chiefly sisal.....	lb.	86,138,550	7,715,357
Other twine, all hemp and all flax.....	"	159,530	111,294
" twine, all jute.....	"	4,730,042	1,235,214
" twine, all sisal.....	"	2,750,231	514,826
" twine and cordage, not specified.....	—	—	2,809,925
Type and type metal.....	lb.	6,565,831	727,537
Typesetting (trade composition).....	—	—	2,311,090
Typewriter ribbons.....	—	—	647,474
Typewriters.....	No.	41,528	3,092,725
Typewriter supplies n.e.s.....	—	—	13,503
Umbrellas.....	doz.	21,172	805,369
Undertakers' supplies, not specified.....	—	—	287,674
Underwear—			
Cotton and cotton mixtures, separate, knitted—			
Fleece—Men's.....	doz.	75,341	576,589
Women's.....	"	32,851	197,443
Children's.....	"	82,684	372,036
Summer ribs—Men's.....	"	293,228	1,354,328
Women's.....	"	127,558	508,294
Children's.....	"	167,531	470,387

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
<i>Underwear—Concluded</i>			
Cotton and cotton mixtures, separate, knitted— <i>Concluded</i>			
Winter ribs—Men's.....	doz.	116,730	1,240,763
Women's.....	"	152,573	707,130
Children's.....	"	194,396	659,389
Balbriggan—Men's.....	"	40,878	201,423
Women's.....	"	54,982	184,749
Children's.....	"	50,041	101,454
Cotton and cotton mixtures, combination, knitted—			
Fleece—Men's.....	"	91,814	1,296,327
Women's.....	"	683	8,196
Children's.....	"	48,622	425,570
Summer ribs—Men's.....	"	31,832	286,027
Women's.....	"	1,817	22,895
Children's.....	"	380	2,832
Winter ribs—Men's.....	"	87,019	1,406,443
Women's.....	"	5,878	66,457
Children's.....	"	44,395	358,211
Balbriggan—Men's.....	"	71,795	602,657
Women's.....	"	75	900
Children's.....	"	20,718	89,324
Silk, artificial silk and mixtures, knitted—			
Combination, Men's.....	"	2,850	35,181
Women's.....	"	69	449
Separate, Men's.....	"	6,302	41,226
Women's.....	"	419,000	2,223,313
Children's.....	"	21,645	95,904
Not specified.....	"	770	5,669
All wool, combination, knitted—			
Men's.....	"	28,072	865,574
Women's and children's.....	"	562	17,304
Wool mixtures, combination, knitted—			
Men's.....	"	52,672	1,364,970
Women's and children's.....	"	37,237	594,925
All wool, separate, knitted—			
Men's.....	"	24,253	484,758
Women's.....	"	7,712	72,991
Children's.....	"	1,233	24,986
Wool mixtures, separate, knitted—			
Men's.....	"	26,040	354,514
Women's.....	"	48,057	398,396
Children's.....	"	42,098	321,844
Knitted, not specified—			
Men's and youths.....	"	1,312	18,515
Women's and misses.....	"	271,728	1,058,668
Children's.....	"	142,912	394,166
Shorts, woven and flat.....	"	165,477	971,566
Woven, not specified—			
Women's and misses.....	"	435,536	2,171,682
Children's.....	"	67,731	167,977
Not specified.....	"	2,232	22,074
Underslips—			
Artificial silk.....	"	284,640	3,376,488
Artificial silk and mixtures.....	"	140,576	1,845,757
Cotton.....	"	32,492	176,705
Not specified.....	"	123,596	1,757,105
Uniforms, woollen.....	No.	175,065	2,953,171
Cotton, nurses' and maids', etc.....	—	—	1,197,862
Upholstering materials, (See tapestries)			
Valves, brass and bronze.....	—	—	3,341,701
Valves, iron.....	—	—	2,313,691
Valves, tire.....	—	—	1,278,688
Valves, not specified.....	—	—	1,001,902
Varnishes.....	—	—	7,999,597
Vaults, burial, cement and other.....	—	—	*
Vegetables, canned—			
Asparagus.....	lb.	1,752,500	280,135
Beans, baked.....	"	32,065,460	2,288,194
Beans, green or wax.....	"	44,753,252	3,818,840
Beans, lima.....	"	1,198,578	101,561

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
<i>Vegetables, canned—Concluded</i>			
Beets.....	lb.	18,499,207	1,217,180
Carrots.....	"	11,057,076	662,568
Carrots and peas.....	"	5,801,388	527,797
Corn, cream of, whole grain, etc.....	"	52,856,954	4,591,866
Mushrooms.....	"	103,516	49,497
Peas.....	"	127,916,549	10,117,670
Pumpkin.....	"	10,643,078	562,079
Spinach.....	"	1,646,751	140,487
Tomatoes.....	"	86,528,598	5,550,116
Vegetables mixed.....	"	7,809,360	600,919
Vegetables, other.....	"	7,739,115	669,199
Vegetables, evaporated and dehydrated.....	"	3,560,068	1,555,908
Vegetables, in brine.....	"	4,760,204	355,846
Vegetables, frozen or cold pack.....	"	4,756,967	666,108
Vegetable juices, canned.....	—	—	*
Vegetable peelers and slicers.....	No.	1,999	123,524
Vehicles, children's.....	—	—	2,514,623
Veils and veiling.....	—	—	508,039
Velvets.....	—	—	*
Veneer.....	M sq. ft.	228,247	5,402,410
Veneer logs.....	M ft. b.m.	22,087	739,132
Ventilators.....	—	—	897,728
Vests, woollen.....	No.	16,505	51,098
Vests, other.....	—	—	95,407
Vinegar —			
Spirit.....	gal.	4,565,602	1,958,635
Cider.....	"	289,065	84,313
Malt.....	"	512,274	255,588
Waffle irons.....	—	—	*
Wagons (see "Carriages and wagons")			
Wall board, gypsum.....	sq. ft.	203,361,505	5,502,593
Wall plaster, gypsum.....	—	—	1,245,114
Wall plaster, other.....	lb.	2,568,696	192,926
Wardrobes, wall board.....	—	—	*
Washboards.....	No.	209,582	68,531
Washers, leather.....	doz.	2,201,044	128,520
Washers and gaskets, iron, steel, etc.....	—	—	782,055
Washing compounds.....	—	—	558,073
Waste, cotton, wool and jute.....	—	—	4,233,887
Waste, wood.....	ton	87,413	286,237
Waste, other, not specified.....	—	—	313,438
Watches.....	No.	462,755	700,107
Watch cases.....	"	354,562	473,204
Water, aerated.....	imp. gal.	55,732,936	37,060,154
Water, distilled.....	"	—	24,300
Water, mineral, natural.....	—	594,477	124,970
Waterproofing preparations.....	—	—	*
Wax and wax compounds, all kinds.....	—	—	2,263,255
Wax, sealing.....	—	—	*
Weatherstrip.....	—	—	260,744
Weaving, custom.....	—	—	1,128,450
Webbing, elastic and non-elastic.....	—	—	1,117,009
Webbing, not specified.....	—	—	*
Weeders.....	No.	1,532	126,113
Weed killer.....	—	—	628,454
Welding apparatus with control equipment and accessories.....	—	—	1,679,041
Welding compounds and fluxes.....	—	—	43,646
Welding rods and welding wires.....	—	—	992,546
Wetting.....	yd.	13,332,278	763,340
Wheat germ products.....	—	—	*
Wheelbarrows and parts.....	—	—	427,856
Wheels, automobile.....	—	—	*
Wheels, railway car.....	—	—	4,269,010
Wheels, not specified.....	No.	31,478	168,228
Whey.....	—	—	36,028
Whips.....	No.	62,020	10,839
Whiskies (see "Spirits")			
Whisks.....	doz.	28,580	72,190

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Windmills.....	—	—	*
Wine, sold during the year.....	gal.	4,937,143	9,621,528
Wine, produced and placed in storage for maturing.....	"	5,533,481	3,549,963
Wine, not specified.....	—	—	68,132
Wine spirits.....	gal.	16,271	27,645
Wiping cloths and rags, washed and sterilized.....	lb.	11,944,826	2,209,673
Wiping cloths and rags, other.....	—	—	706,967
Wire, barbed—			
Quantity made.....	ton	8,895	—
Quantity sold.....	"	8,968	850,512
Wire, cold rolled, flat, all sizes—			
Quantity made.....	"	6,317	—
Quantity sold.....	"	3,699	551,908
Wire, galvanized—			
Quantity made.....	ton	49,325	—
Quantity sold.....	"	20,056	2,011,727
Wire, drawn from rods—			
Quantity made.....	"	184,392	—
Quantity sold.....	"	47,792	4,344,673
Wire, iron and steel, other, coated—			
Quantity made.....	"	2,563	—
Quantity sold.....	"	2,334	226,878
Wire, strand, twisted—			
Quantity made.....	"	1,738	—
Quantity sold.....	"	2,115	434,915
Wire and cables, electrical.....	—	—	39,975,028
Wire rope and cable, not specified—			
Quantity made.....	ton	13,501	—
Quantity sold.....	"	15,417	7,219,582
Wire, brass and copper.....	—	—	*
Wire, gold filled, and alloys.....	—	—	*
Wire, not specified.....	—	—	293,147
Wire cloth, brass and bronze.....	sq. ft.	4,079,918	2,885,732
Wire cloth, iron and steel, including screen cloth.....	—	—	1,875,022
Wire cloth, monel metal.....	—	—	*
Wire mesh, steel, woven, welded, etc.....	—	—	741,241
Wire goods, not specified.....	—	—	2,140,611
Wiring devices, not elsewhere specified.....	—	—	6,903,029
Wooden products, not specified.....	—	—	2,220,262
Wood flour.....	ton	2,718	69,847
Woodenware, kitchen.....	—	—	135,810
Woodenware, not specified.....	—	—	271,142
Wood preservation.....	—	—	*
Wood turning, not specified.....	—	—	687,637
Woodwork, sanitary and other.....	—	—	431,350
Wool, raw and unmanufactured.....	lb.	12,894,475	5,919,634
Woollen cloth, woven—			
All wool, woollen.....	y.d.	16,213,725	28,092,553
All wool, worsted.....	"	5,732,394	12,571,828
Woollen and worsted, mixed.....	"	1,345,342	2,534,092
Cotton warp, worsted.....	"	37,861	73,049
Cotton warp, woollen.....	"	1,216,706	913,481
Other woollen and mixtures.....	"	3,294,548	4,557,002
Woven goods, not specified.....	—	—	2,433,993
Wrappers, waxed (see "Paper, waxed").....	—	—	640,159
Wrappers, paper, other than waxed.....	—	—	1,729,420
Wrappers, printed.....	—	—	590,834
Wringers, clothes.....	No.	80,969	—
Xylenols, high boiling.....	—	—	*
Yarns, spun for sale—			
Cotton—			
Grey, knitting.....	lb.	13,576,046	5,379,763
Grey, weaving, singles.....	"	12,705,783	5,382,125
Grey, weaving, plied.....	"	8,031,588	3,744,301
Bleached, knitting.....	"	166,574	93,860

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Alphabetical List of Products Manufactured in Canada, 1946—Con.

Items	Unit of Measure	Quantity	Value
			\$
Yarns, spun for sale— <i>Concluded</i>			
Cotton— <i>Concluded</i>			
Bleached, other	lb.	200,179	116,144
Coloured, knitting	"	2,820,943	1,531,011
Coloured, other	"	2,934,980	1,674,474
Other	"	4,896,499	2,001,823
Cotton and wool mixed—			
Grey	"	538,989	417,439
Other	"	32,820	30,203
Silk and mixtures	"	200,602	135,863
Artificial silk or nylon singles	"	14,252,825	12,727,313
Artificial silk thrown	"	542,779	587,477
Nylon, thrown	"	662,436	2,463,785
Spun rayon and mixtures	"	3,812,443	2,357,015
Woolen—			
Hand knitting	"	655,932	976,569
Machine knitting	"	4,462,199	3,353,364
Weaving	"	2,967,386	2,645,252
Carpet	"	1,010,601	676,834
Not specified	"	17,740	30,476
Worsted, oil spun—			
Hand knitting	"	3,425,231	5,805,843
Machine knitting	"	4,797,545	7,056,565
Weaving	"	329,853	442,122
Carpet	"	272,684	286,938
Worsted, dry spun—			
Knitting	"	1,380,153	2,191,375
Weaving	"	18,474	27,711
Worsted, not specified	"	264,179	478,464
Yarns, not specified	"	617,144	589,051
Yeast, dry	lb.	2,437,013	955,552
Yeast, fresh (for sale)	"	20,340,697	3,921,311
Yeast food, bread improver, etc.	"	5,171,908	374,791
Yoghourt	gal.	385	568
Zinc, refined, zinc alloys, etc.	lb.	7,678,944	689,963
Zinc chloride	"	—	*
Zinc naphthenate	"	—	*
Zinc oxide and zinc dust	"	—	*
Zinc, white, ground in oil	"	—	*
Zinc products, not specified	"	—	*
Manufactured food products, packaged only	lb.	12,575,581	1,844,030
Amount received by clothing contractors	—	—	8,920,825
Inter-company transfers	—	—	2,757,863
All other products not specified —			
Vegetable products group	—	—	2,439,846
Animal products group	—	—	4,129,923
Textile products group	—	—	2,369,904
Wood and paper products group	—	—	3,335,308
Iron and steel products group	—	—	65,549,393
Non-ferrous metal products group	—	—	19,221,565
Non-metallic mineral products group	—	—	7,735,997
Chemicals and chemical products group	—	—	12,678,734
Miscellaneous products group	—	—	1,798,130
Custom work and repairs			
Vegetable products group	—	—	25,245
Animal products group	—	—	1,297,954
Textile products group	—	—	4,752,820
Wood and paper products group	—	—	5,022,876
Iron and steel products group	—	—	108,813,202
Non-ferrous metal products group	—	—	4,121,693
Non-metallic mineral products group	—	—	344,711
Chemicals and chemical products group	—	—	479,510
Miscellaneous products group	—	—	3,916,202

NOTE.—The asterisk (*) indicates that the commodity was reported by only one or two concerns.

Alphabetical List of Products Manufactured in Canada, 1946—Conc.

Items	Unit of Measure	Quantity	Value
			\$
Products which were reported by only one or two firms and for which figures cannot be shown separately.....	—	—	307,693,387
Total value of products listed.....	—	—	8,319,909,865
Deductions due to the adjustment for intermediate products and excise taxes.....	—	—	284,217,394
Total.....			8,035,692,471

NOTE:—The asterisk indicates that the commodity was reported by only one or two concerns.

† Footnote for page 131: Does not include fabrics dyed or bleached by firms maintaining a dyeing and finishing department of their own.

CANADA

LIST OF PUBLICATIONS, CENSUS OF MANUFACTURES; DOMINION BUREAU OF STATISTICS

Manufactures

- (1) General—General Report on the Manufacturing Industries of Canada with appendix giving Alphabetical List of Products, Geographical Distribution of the Manufacturing Industries of Canada; also Reports for the Provinces and Leading Cities; Quantity of Manufacturing Production in Canada, 1923-29. Weekly Earnings of Male and Female Wage-Earners in the Manufacturing Industries of Canada. Monthly Report on Inventories.
- (2) Manufactures of Vegetable Products—Biennial General Report on Manufactures of Vegetable Products. Annual Bulletins as follows: (*a*) Coffee, Tea, Spices and Miscellaneous Foods; (*b*) Fruit and Vegetable Preparations, including Canning, Evaporating and Preserving, and Pickles, Sauces, Vinegar and Cider; (*c*) Flour and Feed Mill Products; (*d*) Bread and other Bakery Products; (*e*) Biscuits and Confectionery, including Cocoa and Chocolate; (*f*) Macaroni, Vermicelli, etc.; (*g*) Distilled Liquors; (*h*) Breweries; (*i*) Wine; (*j*) Rubber Goods, including Rubber Boots and Shoes; (*k*) Prepared Breakfast Foods; (*l*) Sugar Refineries; (*m*) Tobacco Products; (*n*) Vegetable Oil Mills; (*o*) Canned Foods; (*p*) Ice Cream; (*q*) Pack of Fruits and Vegetables, preliminary by completed packs; (*r*) Aerated Waters; (*s*) Stock and Poultry Feeds. Quarterly Reports: (*a*) Stocks of Unmanufactured Tobacco; (*b*) Stocks of Canned Fruits and Vegetables; (*c*) Processed Foods. Monthly Reports: (*a*) Production, Consumption and Inventories of Rubber; (*b*) Production of Rubber Footwear; (*c*) Shipments and Stocks of Prepared Stock and Poultry Feeds.
- (3) Animal Products and their Manufacture—Annual Reports and Bulletins as follows: (*a*) The Dairy Factory Industry; (*b*) Processed Cheese; (*c*) Fish Processing (contained in annual Fisheries Statistics); (*d*) Slaughtering and Meat Packing and Sausage and Sausage Casings; (*e*) Leather Tanneries; (*f*) Leather Belting, Leather Boot and Shoe Findings and Miscellaneous Leather Goods; (*g*) Leather Boots and Shoes; (*h*) Leather Gloves and Mittens; (*i*) Fur Goods, Fur Dressing. Monthly Bulletin on Leather Footwear Production.
- (4) Textiles and Allied Industries—Biennial General Report on the Textile Industries of Canada. Annual Bulletins as follows: (*a*) Cotton Textiles (cloth, yarn, thread and waste); (*b*) Woollen Textiles (cloth, yarn, waste, carpets and woollen goods, n.e.s.); (*c*) Silk and Artificial Silk; (*d*) Men's Factory Clothing incl. Men's Furnishings; (*e*) Women's Factory Clothing; (*f*) Hats and Caps; (*g*) Hosiery and Knitted Goods; (*h*) Oiled and Waterproofed Clothing; (*i*) Cordage, Rope and Twine; (*j*) Corsets; (*k*) Cotton and Jute Bags; (*l*) Dyeing and Finishing of Textiles; (*m*) Awnings, Tents and Sails. Quarterly Report on the Production of Clothing.
- (5) Manufactures of Forestry Products—Printed Bilingual Reports: (*a*) The Lumber Industry (biennial); (*b*) The Pulp and Paper Industry (biennial); (*c*) Wood-Using Industries (biennial); (*d*) Paper-Using Industries (biennial); Annual preliminary reports: (*a*) Lumber; (*b*) Pulp and Paper; (*c*) Wood-Using

Industries; (*d*) Planing Mills and Sash and Door Factories; (*e*) Hardwood Flooring; (*f*) Furniture; (*g*) Veneers and Plywoods; (*h*) Printing Trades (comprising the following industries, Printing and Publishing; Printing and Bookbinding; Lithographing; Engraving, Stereotyping and Electrotyping; Trade Composition and Blue Printing); (*i*) Paper Boxes and Bags; (*j*) Roofing Paper. Stencilled annual bulletins: (*a*) Lumber (series of 10 provincial summaries); (*b*) Boxes and Baskets; (*c*) Carriages, Sleighs and Vehicle Supplies; (*d*) Cooperage; (*e*) Coffins and Caskets; (*f*) Boatbuilding; (*g*) Lasts, Trees and Wooden Shoe Findings; (*h*) Wood-turning; (*i*) Woodenware; (*j*) Excelsior; (*k*) Beekeepers' and Poultrymen's Supplies; (*l*) Wooden Refrigerators; (*m*) Miscellaneous Wood-Using Industries; (*n*) Miscellaneous Paper Goods. Monthly Reports: (*a*) Production, Shipments and Stocks on Hand of Sawmills East of the Rockies; (*b*) Production, Shipments and Stocks on Hand of Sawmills in British Columbia. Monthly Bulletins: (*a*) Asphalt Roofing Production and Sales; (*b*) Rigid Insulating Board Production and Sales; (*c*) Asphalt Floor Tiles Production and Sales.

- (6) Iron and Steel and their Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on the Iron and Steel Industry. (*a*) Primary Iron and Steel; (*b*) Iron Castings; (*c*) Heating and Cooking Apparatus (except boilers and radiators); (*d*) Boilers, Tanks and Plate Work; (*e*) Farm Implements and Machinery; (*f*) Machinery; (*g*) Automobiles; (*h*) Automobile Parts; (*i*) Bicycles; (*j*) Railway Rolling Stock; (*k*) Wire and Wire Goods; (*l*) Sheet Metal Products; (*m*) Hardware, Tools and Cutlery; (*n*) Bridge Building and Structural Steel Work; (*o*) Shipbuilding and Ship Repairs; (*p*) Aircraft; (*q*) Miscellaneous Iron and Steel Products. Commodity Bulletins on The Production of Pig Iron; Steel; Washing Machines; Cream Separators; Warm Air Furnaces; Galvanized Sheets; Wire Nails; Steel Wire; Wire Fencing; Stoves, etc. Monthly Bulletins: (*a*) Pig Iron, Steel Ingots and Castings; (*b*) Steel Ingots; (*c*) Motor Vehicle Shipments; (*d*) Domestic Washing Machines; (*e*) Wire Nails; (*f*) Steel Wire; (*g*) Wire Fencing; (*h*) Primary Iron and Steel.
- (7) Manufactures of Non-Ferrous Metals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Ferrous Metals. (*a*) Aluminium Products; (*b*) Brass and Copper Products; (*c*) White Metal Alloys; (*d*) Jewellery and Silverware; (*e*) Electrical Apparatus and Supplies; (*f*) Non-Ferrous Metal Smelting and Refining; (*g*) Miscellaneous Non-Ferrous Metal Goods. Monthly Reports on: (*a*) Sales of Radio Sets; (*b*) Sales of Storage Batteries; (*c*) Domestic Electric Refrigerators; (*d*) Dealers' Report on Non-Ferrous Scrap Metal; (*e*) Ingot Makers' Monthly Report. Commodity Bulletins on the Production of Batteries; Silverware; Vacuum Cleaners; Incandescent Lamps, etc.
- (8) Manufactures of the Non-Metallic Minerals—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Manufactures of Non-Metallic Minerals: (*a*) Asbestos Products; (*b*) Cement; (*c*) Cement Products; (*d*) Coke and Gas; (*e*) Glass Products; (*f*) Lime; (*g*) Petroleum Products; (*h*) Clay Products; (*i*) Salt; (*j*) Sand-lime Brick; (*k*) Stone; (*l*) Artificial Abrasives; (*m*) Gypsum and Gypsum Products; (*n*) Miscellaneous Non-Metallic Mineral Products, including Carbon Electrodes—Mica Products—Non-Metallic Minerals, n.e.s. Also Special Reports on: (*a*) The Consumption of Coke in Canada

- (b) Consumption of Petroleum Fuels in Canada; (c) Sales of Lubricating Oils in Canada. Monthly bulletins on; (a) Coal and Coke Statistics; (b) Sales of Manufactured and Natural Gas; (c) Rock Wool Sales; (d) Gypsum Products; (e) Concrete Blocks and Concrete Pipe; (f) Refined Petroleum Products.
- (9) Chemicals and Allied Products—Biennial Report. Annual Bulletins as follows: Preliminary Summary on Chemicals and Allied Products; (a) Coal Tar Distillation; (b) Acids, Alkalies and Salts; (c) Compressed Gases; (d) Fertilizers; (e) Medicinal and Pharmaceutical Preparations; (f) Paints, Pigments and Varnishes; (g) Soaps, Cleaning Preparations and Washing Compounds; (h) Toilet Preparations; (i) Inks; (j) Adhesives; (k) Polishes and Dressings; (l) Primary Plastics; (m) Miscellaneous Chemical Products, including Boiler Compounds; Plastic Products; Insecticides; Sweeping Compounds; Hardwood Distillation; Disinfectants; Matches; Dyes and Colours; Explosives, ammunition and fireworks; Chemical Products, n.e.s. Special Reports on the Fertilizer Trade in Canada. Commodity Bulletins on Sulphuric Acid, Ammonium Sulphate, etc. Special Report—Directory of Chemical Industries in Canada. Special Report on the Consumption of Chemicals in Municipal Waterworks. Special Report on Sales of Pest Control Products.
- (10) Miscellaneous Manufactures—General Report. Annual Bulletins as follows: (a) Brooms, Brushes and Mops; (b) Musical Instruments (including pianos, organs and phonographs) and Musical Instrument Materials and Parts; (c) Buttons; (d) Bed Springs and Mattresses; (e) Sporting Goods.



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